Lancaster Farming

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Excess nitrates in 60% of Upper Conestoga test wells

Ag economy slows farmer participation

BY DICK ANGLESTEIN

CHURCHTOWN — At least three preliminary findings are emerging out of the effort to clean up ag pollution in the Upper Conestoga River watershed in Northeastern Lancaster County after two years of signing up cooperating farmers and a year of water quality monitoring.

First – Nitrate levels in 60 percent of the farm and home wells tested throughout the 150 square miles of the overall watershed exceed recommended levels for drinking water. The nitrate levels discovered in testing by the U.S. Geological Service range up to four times recommended safe drinking water levels, which can be described as the "dangerous" level.

Second – Total cleanup of the critical area of the watershed – those farms nearest the Conestoga or tributaries – will likely cost the Federal Government twice what was originally expected.

Third – Participation of farmers in the cost-sharing effort to install better management practices to improve water quality has been *significantly* slowed by the recession in the ag economy.

The impact of the Upper Conestoga findings stretches well beyond the confines of Northeastern Lancaster County. This area drains into the Conestoga River, into the Susquehanna River and into the Chesapeake Bay, where several states have become concerned about the effects of pollution – largely ag manure and chemical runoff – on the ecological future of the Bay.

Three levels of monitoring are being conducted or planned by the USGS, according to hydrologist Jim Gerhart, who is working in the area.

The largest study scope is the entire Upper Conestoga headwaters of 150 square miles.

More concentrated study will be directed at a six-square-mile area of the Little Conestoga near Churchtown and a large-scale effort to signup participating farmers will be launched shortly in this area.

And, a 25-acre field near Churchtown – not in the above area – will receive the most detailed study to attempt to directly trace how nitrogen combines with rainwater forming nitrates and moves into groundwater or streams to cause pollution of the water quality.

The monitoring thus far has been limited primarily to the overall 150-square-mile watershed and is baseline testing to determine water quality before better management practices have been installed.

Stream flow and water quality have been monitored on the Little Conestoga, the Conestoga near Terre Hill, the Cocalico and Muddy Creek.

Groundwater has been sampled and analyzed from 43 wells on farms and homesites throughout the area. Testing was done in September, 1982; March, 1983; June., 1983; and within the past week.

Of the 43 wells tested, 60 percent or 25 have been found to have water with nitrate levels above the recommended levels for drinking.

Average nitrate levels in water is about one to three parts per million.

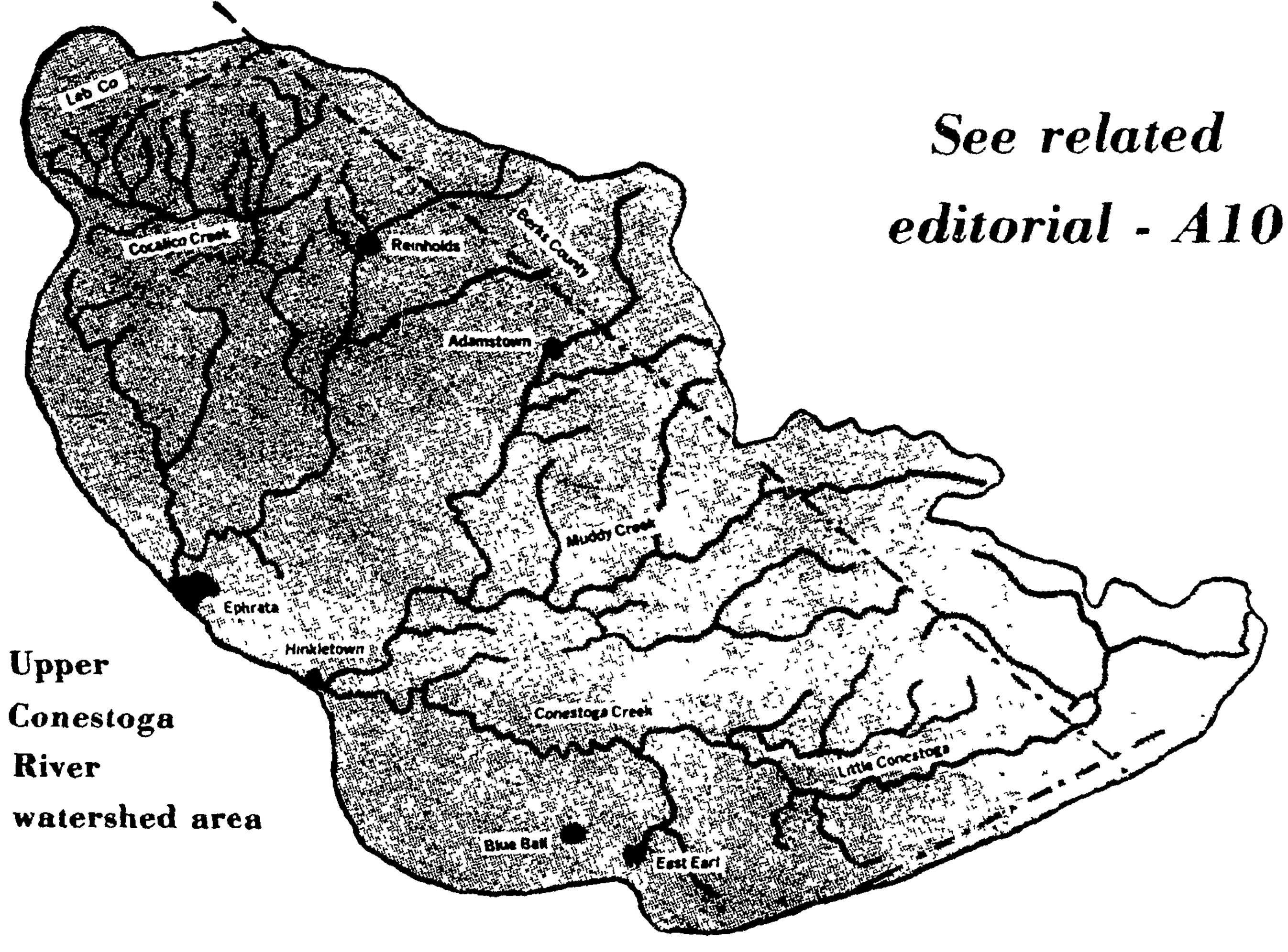
Recommended drinking water levels is 10 parts per million.

The levels in the 25 wells exceed the 10 PPM and range up to 40 PPM. This level was found on a chicken farm. Nitrogen levels in poultry manure are extremely high.

The nitrate levels were found to be the highest in the Spring when manure or chemical fertilizers are spread and the rainfall is highest. And it is much worse in the valley limestone areas than in the higher shale or sandstone soils.

Work in the six-square-mile area of the Little Conestoga near

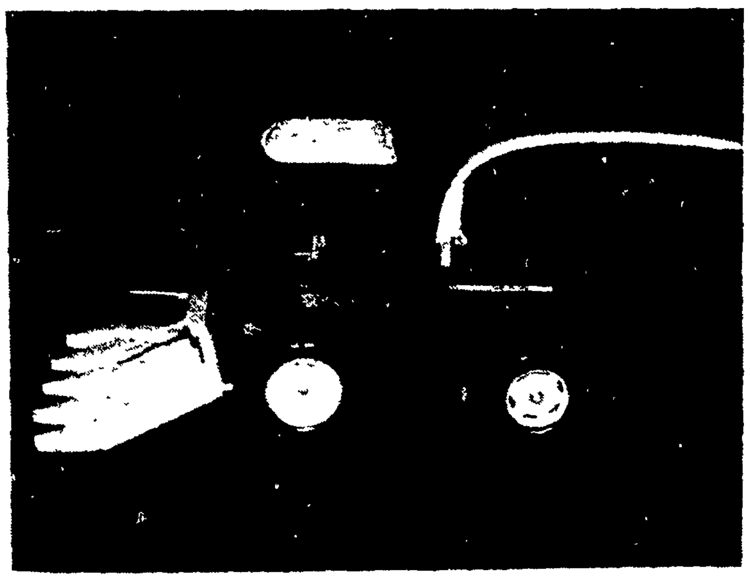
(Turn to Page A32)



Upper Conestoga River watershed area

See related editorial - A10

Kid's stuff goes big time



Remember that tractor or farm wagon you got under the Christmas tree 30 or 40 years ago.

Hang on to it. There are people out there interested in it and willing to pay big money for it.

Farm toys have gone big time. That was the message out of a farm toy show and sale held in Lancaster County last weekend. One of the features of the show was this hand-built scale model of a John Deere Super Chopper. For more about the toys, turn to Page D30.

Drought help — no freebies

HARRISBURG — Commonwealth farmers hit hard by the drought will likely have to rely on the low-interest Farmers Home Administration loans instead of any "freebies" as promoted by a Pennsylvania senator.

State FmHA officials this week officially announced the ground rules for the low-interest loans in the 17 designated southcentral and southeastern counties about a week after U.S. Ag Sec. John Block personally carried the loan message to Pennsylvania.

Also this week, the Senate unanimously approved a resolution put forth by Democratic Sen. Michael O'Pake, of Berks County, calling on the Governor to make $5 million available out of the Emergency Management Services Code as grants or no-interest loans to drought-stricken farmers.

But the Governor's Office indicated that Thornburgh believes that the FmHA program is the way to help farmers in view of the scope of the possible $200 million loss in the Commonwealth.

The Governor's Office said it was thought that the normal federal loan channels would be a better and more equitable way to help farmers.

FmHA officials have urged farmers to make application for their loans as quickly as possible since about 60 days will be needed for processing.

Qualified farmers with losses of at least 30 percent of a normal year's production are eligible to borrow up to 80 percent of the actual loss up to a maximum of $500,000.

For borrowers unable to get loans through regular lending channels, the interest rate is 5 percent on the first $100,000 and eight percent on the remainder.

The interest rate on FmHA-backed loans through private lenders is 13.75 percent.

Deadline for application is April 11, 1983.

Livestock market and auction news

Lancaster Market

Monday, Oct. 17
Report Supplied By USDA

	Cattle	Calves	Hogs	Sheep
Today	1021	136	941	238
Last Monday	1277	134	1369	414
Last Year	1047	191	833	206
Monday's Auction	993	178	933	293
Last Monday's Auction	1078	161	1310	410

CATTLE: Trend not comparable, market not reported last Monday because of holiday. Supply included 57% slaughter steers, 14% heifers, 18% cows, and 11% bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 scarce, few sales 1200-1425 lb. 64.50-66.00; Choice 2-4 1050-1450 lb. 62.00-64.50, few 64.50-65.00; high Good and low Choice 2-3 1000-1350 lb. 59.00-62.50; Good 2-3 54.50-58.00; Good and Choice 1200-1400 lb. Holsteins 50.50-54.50, few Choice 55.00-55.50; Standard 1-2 1100-1350 lb. 46.00-49.00.

SLAUGHTER HEIFERS: Choice 2-3 900-1150 lb. 57.00-60.00, few yield grade 2 61.00-62.25; Good 2-3 850-1100 lb. 52.00-57.00.

COWS: Breaking Utility and Commercial 2-4 39.50-43.00; Cutter and Boning Utility 1-3 37.50-41.50, several 41.50-43.25; Canner and low Cutter 34.00-37.50.

BULLOCKS: Couple Choice 1050-1300 lb. 55.75-58.50; Good 1000-1250 lb. 50.00-56.75.

BULLS: Yield grade 1 1350-1900 lb. 51.25-55.75, few 56.00-57.00, individual 1530 lb. 60.00; yield grade 2 1000-1350 lb. 48.00-52.00, few 800-1000 lb. 46.00-48.50.

VEAL CALVES: Vealers mostly steady; slaughter calves weak to 5.00 lower. Demand fair for Holstein bulls to return to farm. Supply included one lot Prime special fed 300-340 lb. bought to arrive at 127.00.

VEALERS: Choice 160-350 lb. 90.00-105.00, few 105.00-110.00; high Good and low Choice 160-300 lb. 65.00-85.00, 120-160 lb. 50.00-65.00, 80-115 lb. 35.00-45.00 few 45.00-53.00.

SLAUGHTER CALVES: Good and Choice 250-450 lb. 40.00-50.00, few Choice 50.00-55.00.

RETURNED TO FARM: Bulk 100-120 lb. Holstein bulls 70.00-80.00; few 90-100 lb. 55.00-70.00.

SHEEP: Wooled lambs mostly steady, slaughter ewes steady. Supply included around 75 goats.

WOOLED LAMBS: Choice and Prime 80-110 lb. 50.00-54.00, few 80-95 lb. 55.00-60.00; Good 60-90 lb. 45.00-50.00.

SLAUGHTER EWES: Utility and Good 10.00-26.00, mainly 16.00-19.00.

GOATS: All goats sold by the head, mainly 30.00-40.00, couple billies 50.00, few kid goats 20.00-25.00.

Vintage Auction

Tuesday, Oct. 18
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1115	926	29	15
Last Tuesday	1019	929	23	1
Last Year	913	789	31	2

CATTLE: Compared to last Tuesday slaughter steers 50-1.00 higher; slaughter heifers steady; cows 1.00-2.00 higher; bulls fully steady. Supply included 47 percent slaughter steers, ' 6 percent slaughter heifers, 44 percent cows, and 3 percent bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1375 lb. 65.75-67.50, 12 head 68.75-70.85; Good and Choice 1-2 1100-1325 lb. 65.50-67.25, eight head 68.00-68.85; Choice 2-4 1075-1350 lb. 63.25-65.50, few 65.50-66.50; high Good and low Choice 2-3 1050-1350 lb. 60.00-62.75, few 63.00-64.35; Good 2-3 950-1225 lb. 53.75-59.00; Good and Choice 1250-1450 lb. Holsteins 51.50-55.00; Standard and Good 1-2 45.00-51.00.

SLAUGHTER HEIFERS: Few Choice 2-3 925-1075 lb. 56.75-59.50; Good 2-3 800-1050 lb. 49.75-55.50.

COWS: Breaking Utility and Commercial 2-4 38.50-42.75, couple 43.00-45.25; Cutter and Boning Utility 37.50-41.50, several 41.50-43.25, few 700-900 lb. 34.50-37.75; Canner and low Cutter 34.00-37.50.

BULLS: Yield grade 1 1350-1950 lb. 52.00-55.50; yield grade 2 1000-1350 lb. 48.00-52.00.

VEAL CALVES: Vealers firm to 4.00 higher. Supply included 621 in graded sale of which 58 percent sold to return to farm.

VEALERS: Couple Choice 165-210 lb. 78.00-91.00; high Good and low Choice 140-230 lb. 56.00-78.00, 120-140 lb. 51.00-60.00, 80-115 lb. 49.00-54.00, 70-80 lb. 44.00-49.00; Good 120-180 lb. 40.00-55.00.

RETURNED TO FARM: 45 head 100-115 lb. Holstein heifers 76.00; and 35 head small frame 90-110 lb. 53.00. 90 head 110-125 lb. Holstein bulls 75.50-80.00; 130 head 100-105 lb. 80.50-85.50; 55 head 90-95 lb. 60.00-65.00; and 20 head small frame 110-125 lb. 64.50-66.00.

SHEEP: Wooled lambs mostly steady.

WOOLED LAMBS: Good 75-110 lb. 32.00-38.00, few Choice 40.00-42.00.

GOATS: All goats sold by the head, mainly 21.00-39.00.

Lancaster Auction

Wednesday, Oct. 19
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	682	25	758	1
Last Wednesday	508	34	628	3
Last Year	1028	56	790	2
Wednesday's Auction	179	25	705	1
Last Wednesday's Auction	246	41	581	2

CATTLE: Insufficient volume to fully test trends; few sales steers and cows mostly steady; small supply bulls fully steady.

SLAUGHTER STEERS: Choice 2-4 1075-1350 lb. 61.75-64.00; high Good and low Choice 2-3 950-1300 lb. 59.25-61.75; few Good 1250-1500 lb. Holsteins 50.25-51.35; few Standard 1-2 45.50-49.75.

COWS: Commercial 3-4 34.75-37.50; Cutter and Boning Utility 1-3 37.00-39.50, individual 41.50; Canner and low Cutter 32.50-36.00.

BULLS: Yield grade 1 1350-1915 lb. 52.50-54.00, couple 56.25-57.25; yield grade 2 1100-1350 lb. 45.75-51.25.

VEAL CALVES: Insufficient volume for a market test. Few high Good and low Choice 80-120 lb. 40.00-50.00.

SHEEP: No test.

New Holland Auction

Thursday, Oct. 20
Report supplied by USDA

CATTLE 1224: Compared to last Thursday slaughter steers mostly steady; slaughter heifers fully steady; cows weak to 1.00 lower; bullocks steady; bulls weak to 1.00 lower. Supply included 47 percent slaughter steers, 5 percent slaughter heifers, 39 percent cows, with the balance mainly bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 1200-1375 lbs. 65.50-67.85; Choice 2-4 1100-1380 lb. 62.75-65.85, couple lots 66.00-66.75; high Good and low Choice 2-3 1000-1300 lb. 59.75-62.50; Good 2-3 56.00-60.00; Good and Choice 2-3 1200-1450 lb. Holsteins 52.00-56.25; Standard 1-2 47.25-51.50.

SLAUGHTER HEIFERS: Choice 2-3 900-1075 lbs. 55.00-58.50, few yield grade 2 59.25-60.00; Good 2-3 840-1050 lbs. 52.00-55.50.

COWS: Breaking Utility and Commercial 2-4 38.00-41.50, few 42.00-44.50; Cutter and Boning Utility 1-2 37.50-40.75, several 41.00-42.75; Canner and low Cutter 33.00-37.50.

BULLOCKS: Choice 950-1500 lb. 55.00-59.00, few 59.00-59.75; Good 940-1150 lb. 50.75-55.00.

BULLS: Yield grade 1 1285-1850 lb. 51.25-53.00, couple 2175-2350 lb. 50.60-52.10; yield grade 2 900-1400 lb. 47.25-51.00.

VEAL CALVES: 638. Compared to last Thursday vealers weak to 3.00 lower; Demand only fair for holsteinb ulls to return to farm.

VEALERS: Choice 150-300 lb. 87.00-94.00, few high Choice and Prime 210-325 lb. 99.00-105.00; high Good and low Choice 160-300 lb. 60.00-80.00, 120-160 lb. 50.00-60.00, 80-115 lb. 42.00-51.00, few 60-85 lb. 30.00-42.00.

RETURNED TO FARM: Bulk 90-115 lb. Holstein bulls 60.00-75.00.

SHEEP: 60. Wooled lambs steady; slaughter ewes weak to 3.00 lower.

WOOLED LAMBS: Choice 60-105 lb. 47.00-54.00; few Good 40-75 lb. 36.00-45.00.

SLAUGHTER EWES: Utility and Good 9.00-15.00, couple 22.00-26.00.

GOATS: 62. All goats sold by the head, Bulk 22.00-38.00 with few billies 39.00-44.00, around 10 head kids 15.00-20.00.

Lancaster Weekly

Friday, October 21

	Cattle	Calves
This Week	5400	1735
Last Week	5381	1832
Last Year	5197	1588

CATTLE: Slaughter steers fully steady, instances 1.00 higher on high Choice and Prime; slaughter heifers fully steady; cows generally steady during the week, although closing sales weak to 1.00 lower; bullocks steady; bulls weak to 1.00 lower. Supply included 32 per cent slaughter steers, 5 per cent slaughter heifers, 22 per cent cows, 5 per cent bulls with the balance feeders.

SLAUGHTER STEERS: High Choice and Prime 3-4 1150-1425 lbs. 65.50-67.85, 12 head 68.75-70.85; Good and Choice 1-2 1100-1325 lbs. 65.50-68.00; Choice 2-4 1050-1450 lbs. 62.75-65.75, few 65.75-66.75; high Good and low Choice 2-3 1000-1300 lbs. 59.75-62.50; Good 2-3 950-1225 lbs. 53.75-60.00; Good and Choice 1200-1450 lbs. holsteins 51.50-55.50, few 55.50-56.25, Standard 1-2 46.00-51.50.

SLAUGHTER HEIFERS: Choice 2-3 900-1150 lbs. 56.50-60.00, few Yield Grade 2 61.00-62.25; Good 2-3 850-1100 lbs. 52.00-56.50.

COWS: Breaking Utility and Commercial 2-4 39.00-42.00, few 42.50-44.50, Cutter and Boning Utility 1-2 37.50-41.50, several 41.50-43.25, Canner and low Cutter 33.00-37.50.

BULLOCKS: Choice 950-1500 lbs. 55.00-59.00, few 59.00-59.75; Good 940-1150 lbs. 50.00-56.00.

BULLS: Yield Grade 1 1285-2000 lbs. 51.25-55.50, few 55.50-57.00; Yield Grade 2 900-1400 lbs. 47.25-52.00.

VEAL CALVES: Vealers closed the week steady to 3.00 lower. Demand fair for holstein bulls to return to farm.

VEALERS: Choice 160-350 lbs. 87.00-100.00; few high Choice and Prime 210-225 lbs. 99.00-110.00; high Good and low Choice 160-300 lbs. 60.00-85.00, 120-160 lbs. 50.00-65.00, 80-115 lbs. 42.00-54.00, few 60-85 lbs. 30.00-44.00.

SLAUGHTER CALVES: Good and Choice 250-450 lbs. 40.00-50.00, few Choice 50.00-55.00.

RETURNED TO FARM: Few 100-115 lb. holstein heifers 70.00-76.00, few small frame 90-110 lbs. 52.00-60.00; bulk 100-125 lbs. holstein bulls 75.00-86.00, 90-95 lbs. 60.00-70.00.

Belknap Auction

Dayton, Pa.
Wednesday, Oct. 19
Report supplied by PDA

CATTLE 71: Compared with last Wednesday's market slaughter cows steady to strong. One Good slaughter heifer at 47.25, few Standard 42.00-42.50. Few Utility & Commercial slaughter cows 37.75-39.75, Cutters 34.50-38.00, Canner & Low Cutter 28.00-35.00, Shells down to 24.75. Few Yield Grade #1 1115-1860 lbs. slaughter bulls 45.25-48.50.

FEEDER CATTLE: Few Medium & Large Frame #1 380-510 lbs. feeder steers 49.25-53.75. Medium & Large Frame #1 345-620 lbs. feeder heifers 42.50-46.50.

CALVES 87: Few Choice vealers 70.00-75.00, few Good 63.00-70.00, few Standard 55.00-60.00, Standard & Good 90-120 lbs. 48.00-55.00, 60-85 lbs. 37.00-50.00.

FARM CALVES: Holstein Bulls 90-125 lbs. 55.00-85.00.

HOGS 196: Barrows and gilts .50-.75 lower. US No. 1-2 220-245 lbs. barrows & gilts 43.25-44.10, No. 1-3 210-250 lbs. 42.00-43.10, No. 2-3 230-270 lbs. 38.00-41.00.

SOWS: 1.00-2.00 lower. US No. 1-3 310-615 lbs. sows 33.00-37.00, few No. 2-3 375-775 lbs. 28.00-32.00.

BOARS: 25.00-30.00.

FEEDER PIGS 82: US No. 1-3 20-30 lbs. feeder pigs 9.00-12.00 per head, No. 1-3 30-40 lbs. 12.00-18.00, No. 1-3 60-90 lbs. 27.00-34.00 per head.

SHEEP 17: Mixed Good & Choice 70-120 lbs. Wooled slaughter lambs 32.50-40.00.

Open 24 hours a day
365 days a year
(717) 394-2611
AUCTIONS

MONDAY
9:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M.— Veal Calves, Lambs, Hogs
TUESDAY
10:00 A.M.— Slaughter Hogs
1:00 P.M.— Feeder Pigs
WEDNESDAY
10:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows
11:00 AM.— Veal Calves, Lambs, Hogs
FRIDAY
11:00 A.M.— Stocker and Feeder Cattle
SATURDAY
9:30 A.M.—Slaughter Hogs

GRADED FEEDER CATTLE SALE
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Get calves in early. We start to grade and weigh at 2:00.

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10 miles East of Lancaster on Rt. 30

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HAY, STRAW & CORN
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Every Friday at 12 Noon

GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-738-1117
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Route 22
PHONE:
JONESTOWN
865-2881
Sale every Tuesday at 1 30 P M starting with feeder cattle and pigs
Also Hay Sale every Tuesday at 12 30

HOG MARKETS

Lancaster Hogs

Lancaster Stockyards
Monday, October 17
Report supplied by USDA

HOGS: Compared to last Wednesday barrows and gilts 2.00-2.50 lower; sows .50-1.50 lower.

BARROWS AND GILTS: US 1-2 210-250 lb. 42.50-43.25, few 43.35-43.50. US 1 210-250 lb. 44.50-45.00. US 1-3 220-270 lb. 42.00-42.50.

SOWS: US 1-3 350-650 lb. 35.00-35.85.

Tuesday, October 18

Today	136
Last Tuesday	50
Last Year	383

TREND: Compared to Monday small supply barrows and gilts 1.00 higher.

BARROWS AND GILTS: US 1-3 220-265 lb. 43.00-43.50.

Wednesday, October 19

HOGS: Compared to Monday barrows and gilts firm, or .50-1.00 lower than Tuesday's small supply; sows 2.00-2.50 lower.

BARROWS AND GILTS: US 1-2 210-255 lb. 42.75-43.50, few 43.50-43.35, couple lots 200-210 lb. 40.75-42.00. US 1 210-250 lb. 44.00-45.00, couple lots 46.00. US 1-3 220-260 lb. 42.25-42.75.

SOWS: US 1-3 350-650 lb. 33.00-34.50, few 32.00-33.00.

Peoria Hogs

Thursday, October 20
Report supplied by USDA

3500. Barrows & gilts moderate, weak to mostly 50 lower than Wednesday's best time.

BARROWS & GILTS: US 1-2 225-250 lb., mostly 40.50-41.00; 200-225 lb. 39.50-40.50, some 39.00.

SOWS: .50-1.50 lower, instances 2.00 lower. (13%) US 1-3 350-450 lb. 35.00, few 35.50; 450-500 lb. 36.00-37.00; 500-650 lb., mostly 38.00-39.00.

BOARS: Over 350 lb. 32.00-32.25; 250-350 lb. 30.00-31.00; under 250 lb. 34.00-34.50, few 35.00.

Lancaster Feeder Pigs

Tuesday, October 18
Report supplied by USDA

Today	1244
Last Tuesday	693
Last Year	974

TREND: Compared to last Tuesday feeder pigs firm to 5.00 higher, extremes 10.00 higher on *40-60 lb. weights. All pigs weighed* on arrival and sold by the hundred weight.

US 1-2: 55 head 27-29 lbs. 66.00-67.00; 234 head 28-39 lbs. 54.00-64.00; 103 head 40-42 lbs. 62.00-64.50; 216 head 40-49 lbs. 51.00-60.00; 197 head 50-59 lbs. 50.00-57.00; 52 head 60-79 lbs. 45.50-54.00.

US 2-3: 151 head 25-39 lbs. 50.00-59.00; 78 head 40-49 lbs. 44.00-51.00; 50 head 52-57 lbs. 45.00-48.00.

New Holland Hogs

Monday, October 17
Report supplied by USDA

Today	1493
Last Monday	2307
Last Year	1266

TREND: Trend not comparable, market not reported last Monday due to holiday.

BARROWS AND GILTS: US 1-2 210-250 lb. 41.50-42.50, few lots 42.75. US 1 210-250 lb. 44.00-45.00, one lot 46.00.

Indianapolis Hogs

Thursday, October 20
Report supplied by USDA

1700. Barrows & gilts active, steady with Wednesday's bulk sales.

BARROWS & GILTS: US 1-2 220-255 lb. 40.50-40.75; 210-220 lb. 40.00-40.50. US 1-3 215-260 lb. 40.00-40.50, couple lots around 285-290 lb. 38.00.

SOWS: Moderately active, weak to 50 lower. (6%) US 1-2 & Medium 300-400 lb. 35.00-35.50. US 1-3 350-500 lb. 35.50-37.00; 500-600 lb. 38.00-40.00.

BOARS: Few 200-260 lb. 32.00-33.00; over 300 lb. 30.00-31.00.

New Holland Feeder Pigs

Wednesday, October 19
Report supplied by USDA

Today	789
Last Wednesday	673
Last Year	781

TREND: Compared to last Wednesday feeder pigs uneven; 25-50 lb. mostly steady, 50-70 lb. weights firm to 5.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 30 head 26-28 lbs. 60.00-64.00; 179 head 30-39 lbs. 49.00-61.00; 188 head 40-49 lbs. 45.00-60.00; 17 head 49.00 lbs. 63.00; 120 head 50-59 lbs. 46.00-58.00; 65 head 62-66 lbs. 48.00-58.00.

US 2-3: 42 head 27-33 lbs. 55.00-60.00; 76 head 40-49 lbs. 43.00-49.00; 19 head 50-55 lbs. 53.00-55.00.

Carlisle Feeder Pigs

Carlisle, Pa.
Friday, October 14
Report supplied by auction

Total 789 head.

TREND: Compared to September's State Graded Sale the market was stronger and more even with the strongest demand for pigs over 35 pounds. All pigs weighed on arrival and sold by the hundred weight.

US NO. 1 & 2: 104 head 37-49 lbs. 49.00-57.00; 94 head 51-69 lbs. 51.00-56.00; 11 head 86 lbs. 54.00-57.00.

US NO. 2 & 3: 65 head 25-39 lbs. 35.00-41.00; 35 head 40-50 lbs. 32.00-35.00; 61 head 57-78 lbs. 46.00-49.00.

UTILITY: 21 head 27-65 lbs. 20.00-26.00.

NO GRADES: 13 head 42 lbs. 31.00.

US NO. 2: 89 head 21-29 lbs. 48.00-53.00; 45 head 30-39 lbs. 54.00-56.00; 11 head 36 lbs. 46.00; 58 head 49-49 lbs. 48.00-53.00; 95 head 50-59 lbs. 51.00-53.00; 4 head 55 lbs. 43.00; 39 head 61-69 lbs. 48.00-54.00; 18 head 75-101 lbs. 49.00-54.00.

AS IS: 24 head 36-75 lbs. 15.00-24.00.

LATE CUTS: 2 head 52 lbs. 30.00.

Next Graded Pig Sale Friday, Nov. 11th, 1:30 P.M.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter — Thursday, October 20

Report supplied by USDA — **Under Federal Inspection**

	CATTLE	CALVES	HOGS	SHEEP
Week to Date (Est.)	553,000	47,000	1,492,000	108,000
Same Period Last Week (Est.)	554,000	48,000	1,438,000	105,000
Same Period Last Year (Act.)	538,000	42,000	1,245,000	104,000

Chicago Grain Futures

(Closing Bids as of Thursday, October 20)

	Corn	Wheat	Soybeans	Soybean Meal
Oct.				224.00
Nov.			8.19	
Dec.	3.37½	3.60¾		227.80
Jan.			8.33½	
Mar.	3.38¾	3.75¼		231.20

Trend - All grains weaker.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

St. Louis Hogs

Thursday, October 20
Report supplied by USDA

5000. Barrows & gilts moderate, weak to 25 lower, instances 50 lower on weights over 260 lb.

BARROWS & GILTS: US 1-2 225-250 lb. 40.50-40.75; 200-225 lb. 40.00-40.50. US 1-3 230-250 lb. 40.00-40.50; 250-270 lb. 39.00-40.00.

SOWS: Steady-1.00 higher, advance on weights over 500 lb. (About 12%) US 1-3 300-500 lb. 36.00-36.50; 500-656 lb. 39.50-41.50.

BOARS: Over 250 lb. 32.00; 200-250 lb. 34.50.

Futures Trading

(Closing Bids as of Thursday, October 20)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
Oct.	61.55	42.52	
Nov.			8.54
Dec.	61.00	42.72	

Trend - Cattle and Hogs are choppy and potatoes are weaker.

Market Provided
by Commodity Department
Dean Witter Reynolds, Inc.

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Consign your fat hogs to Walter M. Dunlap and Sons where they will be handled by experienced and capable personnel. All hogs weighed upon arrival.

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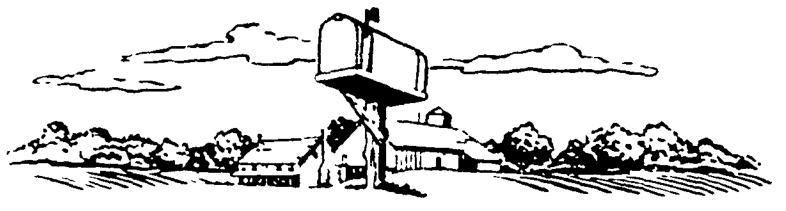

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POULTRY MARKETS

Weekly New York Egg Market

From Friday, October 14 to October 20

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	96	96	96	93	93
Ex Large	86	86	86	83	83
Large	83	83	83	81	81
Mediums	79	79	79	77	77
Pullets	64	64	64	65	65
Off Grade	78	78	78	78	78
BROWN					
Jumbo			–	–	–
Ex Large	1.05	1.05	1.05	1.03	1.03
Large	1.00	1.00	1.00	98	98
Mediums	85	85	85	85	85
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Undergrades	56	–	56	55	56
Checks	54	–	54	53	54

Breaking Stock: Friday 18.30-18.60; Wed. 18.00-18.60.

N.E. Weekly Shell Egg Report

Tuesday, October 18
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MAINE	1.02-1.08	1.00-1.05	93-96	67-69
MASS.X	1.08-1.10	1.05-1.07	96-98	67-69
Mostly	1.08	1.05	96	67
N. HAMP.	85-89	84-88	76-80	57-61
Mostly	87-88	86-87	78-79	59-60
R.I.	94-1.00	92-98	84-91	60-66
Mostly	94-96	92-94	84-87	60-63
VERMONT	1.00-1.05	99-1.00	85-92	–
Mostly	1.05	1.00	90	–

X Includes Central and Western Sections only.

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Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, October 18
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range .60-.92 per lb.

MUSCOVY DUCKS, HENS: range .20-.36 per lb.

PEKIN DUCKS: range .25-.34 per lb.

PULLETS: 6-8 lbs. range .52-.56 per lb.

RED FOWL: 4-5 lbs. range .15-.22 per lb.

RED FOWL: 5-6 lbs. range .17-.32 per lb.

CROSSBRED FOWL: 5-9 lbs. range .15-.38 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .30-.62 per lb.

CROSSBRED ROOSTERS: 7-12 lbs. range .30-.56 per lb.

GUINEA FOWL: range 1.00-1.35 per lb.

BANTY ROOSTERS: range 1.25-2.75 ea.

BANTY HENS: range .25-.75 ea.

BROILERS: 4-6 lbs. range .28-.36 per lb.

LEGHORN HENS: range .10-.22 per lb.

LEGHORN ROOSTERS: range .20-.26 per lb.

GEESE: 7-12 lbs. range .20-.62 per lb.

PIGEONS: range .90-1.10 ea.

WHITE PIGEONS: range 1.25-2.50 ea.

RABBITS: 4-6 lbs. range .40-.86 per lb.

RABBITS: 7-12 lbs. range .20-.42 per lb.

BUNNIES: range .35-1.25 per lb.

GUINEA PIGS: range .50-3.25 ea.

GOATS: range 15.00-41.00 ea.

KID GOATS: range 12.00-32.00

TOTAL AMOUNT COOPS: 1,028.

Philadelphia Eggs

Thursday, October 20
Report supplied by USDA

MARKET COMMENT: Prices settled unchanged. However trade sentiment is weak. Demand is fair to fairly good although feature activity is light. Supplies of heavier sizes continues fully adequate with medium and small in balance to short.

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large .80-.83; A Large .79-.82; A Medium .74-.76.

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Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	Oct. 18 Tuesday	Oct. 20 Thursday
Class 1 - Large	48 lbs.	64	64
Class 2 - Large	45 lbs.	63	63
Class 3 - Medium	42 lbs.	63	60½
Class 4 - Small	39 lbs.	52	52
Breaking Stock	48 lbs.	61	61
Checks	48 lbs.	55½	55½

Delmarva Poultry

Thursday, October 20
Report supplied by USDA

Market Comment: Ready to cook movement on whole birds slow to fair but in good overall balance with available offerings. Advance interest is mixed but reflects a good inquiring from promotional needs at service plants. Slaughter schedules are moderate. Live supplies are adequate. Weights are in a full range of light to heavier than desired. Undertone is generally steady.

Today's L.T.L. asking prices are unchanged on U.S. Grade A at 53-58 cents.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 10/20 1,816; Actual 10/13 1,898; Actual 10/18 1,928; Average Weights 10/18 4.25; Average Weight 10/11 4.32.

New York Multiple Drop Broiler Report

Thursday, October 20
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A .53-.58.

WTD. AVG.: U.S. Grade A 56.58; Premium (X) Boxes 11,329.

(X) Includes special services, selected competitive brands, etc.

Eastern Pa. & N.J. Poultry

Thursday, October 20
Report supplied by USDA

Market Comment: Prices unchanged. Trade sentiment fully steady. Offerings light and short of full processor needs.

Prices Paid at Farm:

Light Type Hens: 13-13¼, mostly 13.

F.O.B. Plant: 15-15½, mostly 15¼.

New Holland Dairy

New Holland Sales Stables
Wednesday, October 19
Report supplied by auction

Reported receipts of 96 cows, 82 heifers, and 3 bulls.

Market steady.

Load of Pa fresh cows 685.00-1300.00.

Load of Pa springers 825.00-1100.00.

Load of Pa fresh cows 970.00-1040.00.

Load of Pa fresh cows 800.00-910.00.

Load of Franklin Co. fresh cows 690.00-1100.00.

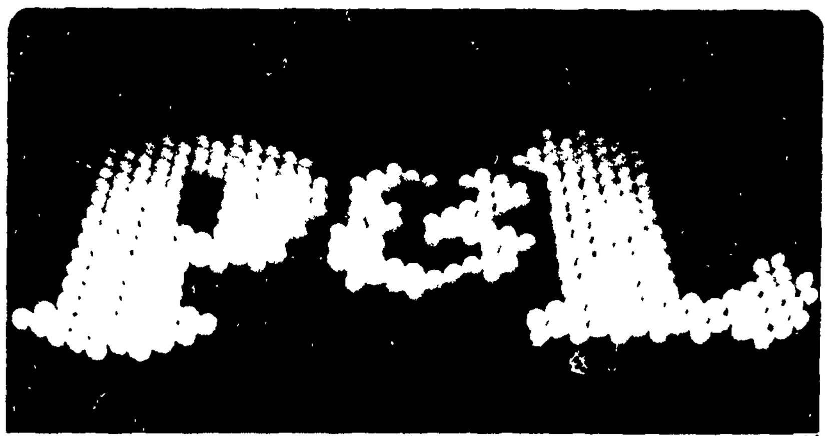
Load of 60 head, all stages, cows 300.00-825.00.

Locally consigned cows 425.00-1250.00.

Springing heifers 450.00-900.00.

Open heifers 270.00-410.00

Bulls 435.00-750.00.



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TEXTURED CALF STARTER
MEDICATED

Crude Protein (Minimum)	20%
Crude Fat (Minimum)	3%
Crude Fiber (Maximum)	8%

#502 Calf Starter is a textured sweet feed. It is a combination of steam flaked corn, steam crimped heavy oats, steam crimped barley, pellets, and cane molasses.

pennfield feeds

#503
pennfield feeds
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MEDICATED

Crude Protein (Minimum)	20%
Crude Fat (Minimum)	6½%
Crude Fiber (Maximum)	8%

NEW #503 High-Fat Calf Starter is a pelleted product. The "high fat" insures extra energy for maximum growth. Faster growth from birth to 4 months of age, means a healthier, bigger heifer at 24 months when she comes into the milking string.

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Pennfield Pluses:

+ "No Charge" for roughage testing
+ Computer calculated "Least Cost" feeding program
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+ Dairy terms: 2½% cash discount - due 15th of following month.
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HAY MARKETS

New Holland Hay

New Holland Sales Stables
Monday, October 17
Report supplied by auction

114 loads. All prices per ton unless otherwise noted.

Alfalfa, 110.00-152.00, 1st cutting, 84.00-100.00; Mixed Hay, mostly 100.00-121.00, 1 load 136.00; Mixed Grass, 86.00-100.00; Timothy, 93.00-118.00; Straw, mostly 100.00-110.00, high load, 124.00, low, 89.00; Clover, 96.00, 83.00; Grass, 76.00-106.00; Stubble Hay, 68.00, 76.00; Oats, 2.50-3.10/bu.; Rye Seed, 4.40/bu.

Green Dragon Hay

Ephrata, Pa.
Friday, October 14
Report supplied by PDA

37 Loads Hay and 11 Loads Straw.

Alfalfa, few 113.00-135.00, one load 152.00; Mixed hay 63.00-126.00, mostly 75.00-116.00; Timothy hay, few 90.00-120.00, one load 140.00; Stubble hay, 2 loads 80.00 & 99.00; Orchard Grass, 2 loads 81.00 & 121.00; Straw 87.00-96.00; Ear Corn, 13 loads 131.00-147.00; Corn Fodder, one load 75.00; Rye, 3 loads 3.75-4.20 per bu.

New Wilmington Hay

New Wilmington, Pa.
Friday, October 7
Report supplied by PDA

32 Loads Hay and 3 Loads Straw.

Alfalfa 97.50-134.00, one load 152.00; Mixed hay 65.00-114.00; Timothy hay, few 71.00-89.00; Clover, one load 85.00; Ear Corn, 9 loads 110.00-126.00; Barley, one load 2.75 per bu.; Oats, 6 loads 1.85-2.05; Straw 50.00-61.00.

Frederick Co. Hay

Buckeystown, Md.
Thursday, October 20
Report supplied by auction

13 loads.

Alfalfa 140.00-155.00; Timothy 106.00-122.00; Timothy stems 75.00; Mixed 109.00-120.00; one Meadowgrass 75.00; Barley Straw 60.00; Wheat Straw 62.50-72.50; Apple Pomace 11.00 ton.

Regional Hay

Friday, October 14
Report supplied by PDA

Hay and Straw steady to $5 higher.

Alfalfa 105.00-125.00; Mixed hay 80.00-90.00; Timothy hay 75.00-90.00; Straw 50.00-70.00; Mulch 30.00-35.00, few 45.00.

Pa. Grain

Monday, October 17
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central PA, Corn uneven, mostly steady to strong; Wheat fully steady; Barley and Oats steady to strong; Old Ear Corn steady to weak; New Ear Corn mostly steady to strong.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 3.65-4.00, average 3.85; Wheat No. 2 range 3.40-3.75, average 3.61, New Crop 3.40-3.61; Barley No. 3 range 2.40-2.75, average 2.57, New Crop 2.10-2.20; Oats No. 2 range 2.00-2.15, few reported 2.25, average 2.11; Soybeans No. 1 range 8.30-8.50, average 8.41; Gr. Sorghum #2 range 2.90, average 2.90; Old Ear Corn range 105.00-125.00, average 114.50; New Ear Corn range 76.00-90.00, average 84.40.

Central Pa.

Corn No. 2-y range 3.70-3.90, few reported 3.60, average 3.79; Wheat No. 2 range 3.40-3.80, average 3.61; Barley No. 3 range 2.25-2.60, average 2.39; Oats No. 2 range 1.70-2.10, average 1.92; Soybeans No. 1 range 7.60-8.22, average 7.94; Gr. Sorghum #2 range 3.40, average 3.40; Buckwheat range 9.00, average 9.00; Old Ear Corn range 106.00-113.00, average 109.44; New Ear Corn range 74.00-85.00, average 80.83

South Central Pa.

Corn No. 2-y range 3.60-3.90, average 3.78; Wheat No. 2 range 3.25-3.60, average 3.44; Barley No. 3 range 1.95-2.40, few reported 3.00, average 2.31; Oats No. 2 range 1.70-1.90, average 1.85; Old Ear Corn range 100.00-130.00, average 118.93; New Ear Corn range 80.00-105.00, average 93.67.

Southeastern, Central & South Central Summary

Corn No. 2-y range 3.65-3.95, average 3.81; Wheat No. 2 range 3.35-3.75, average 3.58; Barley No. 3 range 2.25-2.75, average 2.45; Oats No. 2 range 1.70-2.15, average 1.96; Old Ear Corn range 105.00-130.00, average 114.06; New Ear Corn range 74.00-100.00, average 85.96.

Western Pa.

Corn No. 2-y range 3.75-3.95, few reported 3.55, average 3.81; Wheat No. 2 range 3.10-3.20, average 3.17; Barley No. 3 range 2.15, average 2.15; Oats No. 2 range 1.50-2.00, average 1.76; Buckwheat range 8.00, average 8.00; Ear Corn range 90.00, average 90.00.

Kiester's Hay

Middleburg, Pa.
Tuesday, October 18
Report supplied by auction

12 loads of hay.

Mixed hay 85.00-105.00; Alfalfa 100.00; Straw 57.50-62.00; Ear Corn 112.00-122.50; Rye 4.60 bu.

King's Auction

Tuesday, October 18
Report supplied by auction

Alfalfa, 102.00-128.00; Mixed hay, 90.00-100.00; Timothy, 105.00-118.00; Straw, 74.00; Corn, 122.00; Rye, 4.00-4.50/bu.

Good's Hay

Leola, Pa.
Wednesday, October 19
Report supplied by auction

60 loads.

Alfalfa, 110.00-145.00; Straw, 84.00-117.00; Corn, 102.00-156.00; Timothy, 95.00-143.00; Mixed Hay, 86.00-145.00.

Carlisle Auction

Carlisle, Pa.
Tuesday, October 18
report supplied by auction

CATTLE: Steers- High Good & Low Choice to 61.50; Good Holsteins 52.00-55.50; Medium 51.00 down. Heifers- Few offered; Medium up to 47.75. Cows- Steady prices; Utility & Commercial 38.50-43.85; Cutter 35.75-39.00; Canner & Low Cutter 30.75-36.00; Shells 30.00 down. Fat Bulls- Steady to 1.00 lower; Good 48.75-53.00; Medium 1600-2025 lbs. 44.00-48.85.

FEEDER CATTLE: Steers were steady to 3.00 higher; Heifers were 1.00 lower and Bulls were too few to test market. Steers: 300-500 lbs Good 53.00-57.00; Medium 47.00-52.00; Culls (450-700 lbs.) 37.00-38.50. Heifers- Medium 375-500 lbs. 43.50-47.50; Medium 500-600 lbs 41.00-47.00; Culls 425-625 lbs. 36.00-37.50.

CALVES: Vealers- Good 65.00-75.00; Medium 50.00-65.00; Light & Weak 45.00 down. Farm Calves- Hol. Bulls to 76.00; Hol. Hiefers to 72.00.

HOGS: Weak, 3.00 lower; US No 1-2 42.50-44.60; US No. 1-3, 41.35-43.00; US No. 2-3 34.50-38.25. Sows- Active bidding; US No. 1-3 35 50-42.25; No. 2-3 30.50-36.00. Boars- To 725 lbs. 27.50-29.25.

FEEDER PIGS: Mostly steady; US No. 1-3 20-25 lbs. 12.00-14.00 head; US No. 1-3 30-39 lbs. 10.00-19.00 head; No. 1-3 40-50 lbs. 19.00-25.00 head.

SHEEP: Lambs- 2.00 higher; Good 41.00-46.00; Medium 40.00 down. Ewes- 14.00-19.00. Goats- Large 38.00-52.00; Small 12.00-31.00.

Special Feeder Cattle Sale Next Tues. Oct. 25th 7:00 P.M.

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FAT HOGS
EARLY BIRD HOG SALE
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10:00 AM
HORSES MULES

11:00 AM
HAY
STRAW
GRAIN

1:30 PM
BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY
12:00 NOON
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1:30 P.M.

We endeavor to keep our barns cleaner than yours.
State graded until 12 Noon

THURSDAY
11:00 AM
BULLS -
STEERS -
BEEF COWS

3:30 P.M.
CALVES
SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Livestock market and auction news

Apple Market News

Monday, October 17
Report Supplied by PDA

Demand today is slow to very slow. The market is steady.

Red Delicious and Golden Delicious harvesting is being finished with Jonathan and McIntosh already done.

Romes and Stayman harvesting is just beginning with Yorks to follow. Harvesting is being emphasized over marketing statewide.

U.S.D.A. purchased 116,233, 38-lb. cases of apples in Pennsylvania to be delivered from November 1, 1983 to January 1984. This order will decrease the supply of fresh apples available helping to keep the prices strong.

U.S.D.A. crop reporting new estimates released October 14, 1983 are 10,470,000 bushel, down 482,000 bushels from their August 1, 1983 estimate. The apples are there, the packout is not.

SUMMARY

12/3 bags Red Delicious Comb. Fancy & Extra Fancy - $6.50-7.00 few 7.25; 12/3 Red Delicious, Extra Fancy - 8.50; 12/3 bags Golden Delicious - 6.00-6.50, few 6.75; (all bags) 12/3 Jonathan, Fancy - 7.00; 12/3 McIntosh - 7.50; 12/3 McIntosh, U.S. #1 - 7.25; 8/5 bags Red Delicious U.S. #1 - 6.50.

Traypacks Red Delicious extra Fancy 113's, 100's, 80's & 72's 10.00-11.00; Traypacks Golden Delicious Comb. Fcy. & Extra Fcy., 113's & 100's 10.00;

Bushel Red Delicious 2½" up U.S. Fancy - 7.00-8.00; Bushel Golden Delicious 2½" up U.S. Fancy - 6.00-7.50; Bushel Rome Beauty 2½" up U.S. Fancy - 7.50; Bushel Stayman 2½" up U.S. Fancy - 7.00; Bushel Jonathan 2½" up U.S. Fancy - 5.00-6.00.

25 bushel bins Jonathan, Golden, McIntosh - 125.00; 12 bushel bins Red Delicious - 96.00.

Cider

Case nine ½ gal. - 7.35-7.60.

Case four, 1 gal. - 6.00-6.05.

Fruit & Vegetable

Monday, Oct. 17
Report Supplied By PDA

APPLES - .39 cents lb. & Average Price of All Varieties Red and Golden Delicious, Jonathan, Staymen, Ida Red, and Cortland $6.00 1/2 bul.; $3.40 peck; $1.80 1/2 peck.

PEARS - D'Anjou, Bosc and Magnese $1.10/qt.; $2.00/1/4 peck; $3.50/1/2 peck.

PLUMS - .95 cents to $1.25/qt. sized.

GRAPES - .50 cents to .75 cents/lb. white niagra & concord; .85 cents /lb. white & Red Seedless; $15.00/Concords.

BRUSSELS SPROUTS - $1.00 to $1.50/stem.; .89 cents pt. $3.95/1/2 peck; $13.00/1/2 bul. $25.00/bul.

GREEN BEANS - .99 cents/lb.

BROCCOLI - .59 cents to .79 cents/bunch .50 cents/lb.

RED BEETS - .59 cents to .79 cents/bunch (4-5).

CABBAGE - White Cabbage .10 cents to .19 cents/lb. red cabbage 20 lb.

CARROTS - .50/bunch.

CAULIFLOWER - .40 cents/lb. .99 cents to $1.25/head sized.

CELERY - .50 cents/bunch.

CIDER - $1.25 1/2 gal. $2.25/gal.

EGG PLANT - .50 cents/lb.

HONEY - $1.50/lb. wildflower $1.00/lb. buckwheat.

MUSHROOMS - $1.39/12 oz.

ONIONS - .35 lb./spanish .30 cents lb. cooking.

POTATOES - $1.35/10 lb. $2.50/20 lbs. $5.90/50 lbs.

PUMPKINS - .10 cents to .12 cents/lb. Jack-O-Lan-Terns .15 cents to .18 cents/lb. pie.

PEPPERS - .25 cents/each 5 for $1.00.

HUBBARD SQUASH - .10 cents/lb.

ACORN AND BUTTERNUT - .29/lb.

SPEGETTI - .39/lb.

ZUCINNIE - .49/lb.

TOMATOES - .69/lb. $6.00/bul. canners

GOURDS - .20 cents/each 6/$1.00.

INDIAN CORN - .35 cents/ear 3/$1.00.

CORN STALKS - $1.50 bunch (10 to 12 stalk).

CHESTNUTS - $1.00 to $1.25/lb.

BLACKWALNUTS - $5.00/lb. shelled $4.00 bul. hulled.

RUTABAGA - .35 cents/each.

TURNIPS - .69 to .79/qt. $6.00/1/2 bul. wholesale.

YAMS - .39 cents to .59/lb. $12.00/bul.

SPINACH & ENDIVE - .50/lb.

Red & Yellow Sweet Potatoes - .49 cents/lb.

MUMS - $3.39 pot (8 to 10).

Central U.S. Carlot

Wednesday, October 19
Report supplied by USDA

Compared to Tuesday's 4:00 Report: Steer and Heifer carcasses steady to $1.00 higher. Demand and trading moderate on moderate supplies.

The gross boxed beef carcass cutout value advanced $.19 to an estimated $95.93 per cwt., 136 loads boxed cuts reported.

Sales reported on 81 loads of Steer and Heifer carcasses.

STEER BEEF
27 Loads
FOB Omaha Basis

Choice 3 600-900 lbs. 91 00-92 00, steady-1.00 higher.

Good 2-3 600-900 lbs. 87 00-88.00, steady-1.00 higher.

FOB Amarillo Basis

Choice 4 600-900 lbs. 80.00-80 50

Good 2-3 600-900 lbs. 88.00.

HEIFER BEEF
54 Loads
FOB Omaha Basis

Choice 3 550-700 lbs. 90.00-91.00, 1.00 higher; 500-550 lbs. 88.00-89.00, 1.00 higher; 400-500 lbs. 86.00-87.00, 1.00 higher.

Choice 4 500-700 lbs. 79.00-80.00, steady-1.00 higher.

Good 2-3 550-700 lbs. 86.00-87 00, steady-1.00 higher.

FOB Amarillo Basis

Choice 4 500-700 lbs. 80.00.

COW BEEF
21 Loads

Prices $1.00 to $3.00 lower than last week.

FOB Omaha Basis

Bng Util 2-3 400&up lbs. 67.00-68.00 MW.

Canner & Cutter 350&up lbs. 70.50-71.50 MW.

FOB Amarillo Basis

Brkg Util 3-4 450&up lbs. 66.00 West.

Bng Util 2-3 400&up lbs. 69.00 West.

PRIMAL BEEF CUTS
5 Loads
FOB Omaha Basis

Choice 3: Hinds (H) 120-170 lbs. 101.00. Fores 130-210 lbs. 84.00.

Good & Choice 2-3: Short Plates 45.00.

BONELESS PROCESSING BEEF/BEEF TRIMMINGS
96 Loads
FOB Omaha Basis

90% Chem Lean Fresh 101 00-103.00.

50% Chem Lean Fresh 43.00-43.50.

FOB Amarillo Basis

90% Chem Lean Fresh 102.00-103.00, mostly 103.00.

90% Chem Lean Frozen 104.00

85% Chem Lean Fresh 96.00.

50% Chem Lean Fresh 43.50

Compared to Tuesday's 4 00 report: Fresh Pork loins $2.00 lower than last representative sales, retail trim 14-17 lbs $2.00 to $4.00 lower, 17-22 lbs. $3.00 to $4.00 lower than Monday Spareribs steady. Skinned Hams steady to $2.00 higher. Trading active on loins and hams, slow to moderate on other cuts Demand light to good. Offerings moderate.

Sales reported on 73 loads Fresh Pork plus 18 loads of Trimmings & Boneless Processing Beef.

FRESH PORK CUTS

LOINS: (Regular) 14-17 lbs. 83.00-85.00, few 81.00-82.00, 2.00 lower than comparable sales 17-22 lbs. 80.50-81.50, 3.00-4 00 lower than Monday; 22&up lbs. 71.50, no comparison. (Retail Trim) 14-17 lbs. 93.00-95.00, load 91.00, 2.00-4.00 lower; 14-17 lbs. 96.00, short cut, no comparison.

PICNICS: 4-8 lbs 46 00, load 44.00; 8&up lbs. 43.00.

BOSTON BUTTS. 4-8 lbs 77 50 trimmed, no comparison; 8&up lbs. 63.50, no comparison.

SPARERIBS· 3.5-5 5 lbs. 80.00 frozen, steady.

HAMS (Skinned) 14-17 lbs. 73.00, load 74.00, mostly steady to 2.00 higher; 17-20 lbs. 71.00, steady-1.00 higher; 20-26 lbs. 70.00, steady-1.00 higher.

BELLIES (Sdls - Skin On)· 14-16 lbs. 49.00, no comparison.

PORK TRIMMINGS/
BONELESS PROCESSING PORK
(Chemical Lean)

42% Lean Trimmings Fresh 30.00.

72% Lean Trimmings Fresh 57.00, 2.00 lower.

72% Lean Trimmings Frozen 59.50-60.50, generally steady.

Bnls Picnics Fresh 61.50, load 63.00.

Bnls Picnics Frozen 64.00.

Hay, Straw, Corn & Misc.
SALE EVERY MONDAY
12 NOON
Dewart Livestock Auction
Dewart, PA
For information call
George Deitrick 717-568-5454
or H.H. Mylin 717-568-7271

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Hay, Straw and Grain Auction Every
EVERY TUESDAY
12:00
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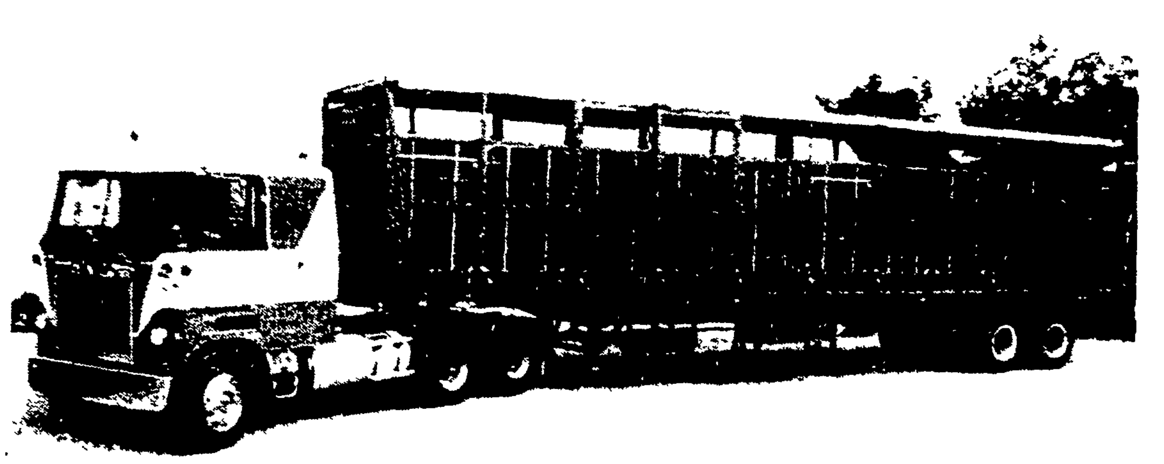

Buyers of Leghorn Fowl
SECHLER'S POULTRY, INC.
Box G, Strausstown, PA 19559
SCOTT SECHLER
RICHARD SECHLER
NELSON LEGG

BEEFALO
FOR SALE
-Semen in stock
-½, ¾, 7/8 animals
BEEFALO
N & J
4270
Quakerbridge Rd
Princeton, NJ 08540
609-896-0336

PIGS
STATE GRADED SALE
FRI., OCT. 28
1:30 P.M.
AT
WESTMINSTER
LIVESTOCK
AUCTION
Westminster, Md.
Ph. 301-848-9820

Livestock market and auction news

St. Louis Cattle

Thursday, Oct. 20

Report supplied by USDA

Receipts This Week	3900
Last Week	3900
Last Year	4300

Compared to the previous week's close, Slaughter Steers and Heifers mostly 1.50 lower. Cows fully 1.00, instances 2.00 lower. Most decline on boning Utility. Bulls steady. Slaughter supply mainly Choice Slaughter Steers, around 30 percent Heifers and 15 per cent Cows.

SLAUGHTER STEERS: Mostly Choice, few Prime 2-4 1000-1250 lbs. 58.50-60.00, closing 58.50-59.00. Choice 2-4 950-1250 lbs. 57.00-59.50, closing 57.00-58.50. Mixed Good and Choice 2-3 900-1175 lbs. 56.00-58.50. Good 2-3 900-1150 lbs. 54.00-57.00. Scattered lots and part loads mixed Good and Choice 2-3 1100-1300 lb. Holsteins 52.00-55.50.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 900-1050 lbs. 56.50-58.00, closing 56.50-57.00. Choice 2-4 850-1050 lbs. 55.00-57.50, closing 55.00-56.50; 800-850 lbs. 54.00-56.00. Mixed Good and Choice 2-3 800-975 lbs. 53.00-56.00. Good 2-3 750-900 lbs. 50.00-54.00.

COWS: (Closing week sales) breaking Utility and Commercial 2-4 34.00-37.00. Boning Cutter and Utility 1-2 35.00-37.00. High yielding boning Utility 1-2 37.00-38.00. Canner and low-cutter 1-2 30.00-34.00.

BULLS: Yield Grade 1-2 1050-2000 lbs. 45.00-50.50.

Wednesday's weekly sheep auction. Receipts about 700 head. Compared last Wednesday, Slaughter Lambs 1.00-3.00 higher. Feeder lambs 1.00-2.00 higher. Supply mainly Slaughter and Feeder Lambs.

SHORN SLAUGHTER LAMBS: Mixed Choice and Prime 98-115 lbs. with mostly no. 1 and 2 pelts 59.50-60.50. Few lots Choice 97-130 lbs. 54.50-56.50.

WOOLED SLAUGHTER LAMBS: Mixed Choice and Prime 97-118 lbs. 54.50-60.00, lot Choice 93 lbs. 52.00.

SLAUGHTER EWES: Few cull to good 5.00-10.00.

FEEDER LAMBS: Several small lots Choice and fancy 50-90 lbs. 45.00-50.00. Few lots Choice 57-85 lbs. 42.00-43.50.

FEEDERS: (including around 1,000 at the regular Thursday auction.) Feeder Steers 1.00-3.00 higher. Feeder Heifers 1.00-2.00 higher. Demand good for bulk of moderate supply. Overall quality improved somewhat compared last week. Supply mainly Medium Frame 1 and Mixed 1 and 2 400-800 lb. Steers and 400-700 lbs. Heifers.

FEEDER STEERS: Medium few Large Frame 1: 375-500 lbs. 59.00-65.75, lot thin 359 lbs. 69.25; 500-700 lbs. 58.00-61.00; 700-800 lbs. 58.00-59.50, lot thin 705 lbs. 61.25; few lots 825-875 lbs. 54.25-58.25.

Medium Frame 1 and 2 and some small frame 1: 375-575 lbs. 57.00-59.75; 675-800 lbs. 52.25-55.00.

Large Frame 2 Holsteins: scattered lots 280-575 lbs. 39.00-45.50.

FEEDER HEIFERS: Medium few Large Frame 1: 400-700 lbs. 48.00-55.00, mostly 50.00-52.50; scattered lots 700-800 lbs. 47.50-52.50.

Medium Frame 1 and 2 and few small frame 1: 300-550 lbs. 43.00-47.50.

Large Frame 2 Holsteins: Scattered lots 525-925 lbs. 35.75-39.75.

Omaha Cattle

Thursday, October 20

Slaughter steers closed this week steady to 50 lower, slaughter heifers fully steady. Demand for heifers proved good this week as buyers tended to buy this class more readily than steers as carcass prices between steers and heifers narrowed. Dressed beef prices declined early in the week and live prices trended accordingly. However, by midweek carcass prices strengthened and live cattle prices tended to recover some of the early losses. Demand held good through the first three days as direct trading was tempered by the early week downturns in carcass prices. Slaughter cows 50-1.00 lower. Slaughter bulls steady.

Steers comprised 36 pct of the week's receipts, heifers 35 pct, cows 5 pct, feeders 22 pct. Four day receipts this week 9499, 8725 a week ago and 11679 last year.

STEERS: Closing sales scattered loads and lots choice, few prime 2-4 1050-1300 lbs. 60.00-61.00, 1000-1050 lbs. 59.50-60.50. Mixed good and choice 2-3 1000-1150 lbs. 58.50-60.00. Good 57.00-58.50. Few good and choice 2-3 1100-1400 lb. holsteins 52.00-53.00, package choice 56.00.

HEIFERS: Closing sales scattered loads and lots choice 2-4 950-1150 lbs. 58.00-59.50, three loads and a package 1025-1200 lbs. 59.75-60.00. Few choice 2-3 875-950 lbs. 57.00-58.50. Mixed good and choice 2-3 875-1025 lbs. 56.00-58.50. Good 54.00-57.00.

Average of LS-214 detailed quotations for choice 900-1100 lb. steers 59.75; 1100-1300 lbs. 60.50. Average cost steers this week 59.28, average weight 1139 lbs. compared to 59.51 and 1145 lbs. last week. Average cost heifers this week 57.58, average weight 1022 lbs. compared to 58.01 and 1017 lbs. last week.

COWS: Breaking utility and commercial 2-3 36.50-38.50, few high dressing to 39.00. Cutter and boning utility 1-2 34.00-38.00. Canner and low cutter 31.00-34.00.

BULLS: Closing sales 1-2 1100-1800 lbs. 46.00-49.00.

Valley Livestock

Valley Stockyards

Athens, Pa.

Monday, October 17

Report supplied by auction

Holstein Hfr. Calves to 76.00; Veal Calves 85.00-109.00; Vealer Bull Calves 65.00-92.00; Slaughter Calves 45.00-60.00; Grassers & Feeders 34.00-55.00; Lambs 40.00-51.00; Sheep 12.00-17.00; Hogs, 200 to 250 41.50-46.50; Sows 28.00-38.00; Boars 25.00-35.00; Pigs 10.00-21.00; Heifers 39.00-43.25; Steers, good none; Steers, feeder 38.00-55.00; Bulls 39.00-47.00; Cows, utility 38.00-41.25; Cows, fat 38.00-40.00; Cows, medium 35.00-37.00; Cows, poor or small 25.00-33.00; Cattle Market steady to higher; Calf Market much higher; Horses small to 300.00; Ponies none; Goats 21.00-47.00.

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LANCASTER FARMING'S CLASSIFIED ADS GET RESULTS!
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or
717-626-1164

FEEDER PIGS
Best of quality All orders large or small Selected with care Also we specialize in Holstein sires
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513-462-8797
or
BOYCE LIVESTOCK CO.
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TUES., OCT. 25
7 P.M.
CARLISLE
LIVESTOCK MARKET
Just Off I-81 Exit 12
Phone (717) 249-4511
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ATTENTION YORK CO. FARMERS
Looking!!! For Quality Hogs
Every Monday
HATFIELD PACKING CO.
BUYING STATION AT
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R.D. 1 Stewartstown, PA
..Top Select Price on #1 & 2 Hogs 215 - 245 lbs.
.. We will receive your hogs from 6 A.M. until ???
.. Your hogs will be weighed & paid for immediately
.. There will not be a commission or yardage fee
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.. Please give us a chance to market your hogs
FOR INFORMATION CALL
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OPEN TO RECEIVE YOUR MARKET HOGS
AT THE GREEN DRAGON MARKET
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1 MILE NORTH OF EPHRATA ON NORTH STATE STREET.
HOURS
MONDAY, TUESDAY, and WEDNESDAY
6:00 A.M. to 11:30 A.M.
215-458-5677 Residence
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YOU ARE PAID FOR YOUR HOGS IMMEDIATELY
Ken & Lois Emery, Proprietors

Green Dragon Livestock Sales
1 Mile North of Ephrata, PA
COWS COWS COWS
BUYERS FROM 3 STATES
Regular consignments from Bob Kennedy & Ed Stover plus 15 other local consignors.
Lots of good Northern Feeders and Stockers.
SALE EVERY FRIDAY
Bulls, Steers, Slaughter Cows, Lambs and Veal Calves
11:00 A.M.-Beef Sale Stockers & Feeders 200 to 250 each week.
12:30 P.M.-Dairy Cows
7:00 P.M.-Small Animal Sale
For Special Sales and Herd Dispersals on the farm or at our barn or other market information call: Office 717-733-2444.
WALTER H. RISSER, Proprietor

ATTENTION FARMERS
EVERY MONDAY
HATFIELD PACKING CO. and BAUMS MEAT PACKING
Will Receive Your Hogs and Cattle at the
DANVILLE LIVESTOCK MARKET
RD4, Danville, PA
- We will receive your hogs from 8 AM to 12 Noon every Monday. Your hogs will be weighed and paid for immediately.
- We will also accept your sows & boars.
- Your cattle will be received from 12 Noon to 4 PM. We will either pay for your cattle immediately or you may sell them dressed weight.
- There will not be a commission or yardage fee deducted from your check.
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day.
- Please come and give us a chance to continue doing business with you through this method

FOR INFORMATION CALL
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ATTENTION HOG PRODUCERS
Butler Foods, Inc.
has recently taken over the largest pork packing house on the East Coast and is putting a buying station in the Lancaster County.
SELL HOGS DIRECTLY TO THE PACKER
Where - Vintage Sales Stables Paradise, PA
When - Mondays, Wednesdays, Thursdays and Fridays 7 AM - 12 PM
Contact Ed Herrmann
717-442-4742
for daily price quotes.

FRIDAY, OCTOBER 28
ON THE FARM MONTHLY
BRED GILT SALE
Sale to Start Promptly at 1:00
Every 4 Weeks
Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road. Watch for sale arrows.
50 to 60 Head
Now selling our new hybred gilts representing mostly York & Hampshire & Landrace cross. Bred for easier & Less trouble over farrowing and better weight gains.
Validated Brucellosis Free Herd #169
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Local Trucker Available
No Hogs Sold On Commission
CHRIST A. BEILER
R.D. 2, Quarryville, Pa
JOHN B. STOLTZFUS
R D. 1, Kirkwood, Pa
Abe Diffenbach, Auctioneer
NEXT SALE DATE NOVEMBER 25

VIRGINIA
MARKETS

Livestock market and auction news

Virginia Auction Summary

October 13-19

Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 9,857.

TREND: *Steady to $4 higher.*

Southwestern, Va.

Auction Summary

October 13-19

STEERS: 300-500 lbs. Medium 1 57.00-68.00; Large 1 59.50-69.00; Small 1 53.00-65.00. 500-700 lbs. Medium 1 50.00-63.50; Large 1 54.00-66.00; Small 1 46.00-57.00. 700-1000 lbs. Medium 1 47.75-58.00; Large 1 49.50-56.25; Small 1 43.00-54.00.

HEIFERS: 300-500 lbs. Medium 1 42.00-55.00; Large 1 43.00-55.00; Small 1 40.00-51.00. 500-700 lbs. Medium 1 42.00-52.50; Large 1 37.00-49.25; Small 1 35.00-46.00. 700-900 lbs. Medium 1 35.00-48.50; Large 1 45.50-47.50.

Northern Va.

Auction Summary

October 13-19

STEERS: 300-500 lbs. Medium 1 53.00-64.50; Large 1 56.00-67.00; Small 1 51.00-61.00. 500-700 lbs. Medium 1 52.00-63.00; Large 1 50.00-62.25; Small 1 44.00-53.00. 700-1000 lbs. Medium 1 47.00-57.00; Large 1 48.00-54.00.

HEIFERS: 300-500 lbs. Medium 1 40.00-49.00; Large 1 42.00-48.50; Small 1 38.00-46.00. 500-700 lbs. Medium 1 40.00-52.00; Large 1 44.00-52.00; Small 1 38.00-44.00. 700-900 lbs. Medium 1 40.00-52.00..

Southeast Va.

Auction Summary

October 13-19

STEERS: 300-500 lbs. Medium 1 56.00-59.00; Large 1 58.00-59.00. 500-700 lbs. Medium 1 52.00-55.00.

HEIFERS: 300-500 lbs. Medium 1 42.50-45.00; Large 1 47.00-50.50. 500-700 lbs. Medium 1 40.00-43.75; Large 1 50.00.

Shenandoah Valley Livestock

Harrisonburg, Va.

Saturday, October 15

Report supplied by auction

FEEDER CATTLE: Trend: Steady. Steers: M&L-1 300-500 lbs. 54.00-67.00; 500-700 lbs. 50.00-62.00; 700-1000 lbs. 47.00-54.00; Holstein 300-1000 36.00-45.50. S-1&M&L-2 300-500 lbs. 51.00-61.00; 500-700 lbs. 50.50-55.00; 700-1000 lbs. 38.00-48.00. Feeder Bulls: M&L-1 300-500 lbs. 52.00-61.50; 500-700 lbs. 45.00-55.25. S-1&M&L-2 300-500 lbs. 49.00-59.00; 500-700 lbs. 41.00-50.00. Heifers: M&L-1 300-500 lbs. 40.00-48.00; 500-700 lbs. 41.00-52.00; 700-800 lbs. 40.00-46.00. S-1&M&L-2 300-500 lbs. 35.00-45.00; 500-700 lbs. 38.00-43.00; 700-800 lbs. 37.50-42.00. Stock Cows: Baby Calves 25.00-76.00, mostly 30.00-45.00.

SLAUGHTER COWS: Trend 2.00 higher. Utility & Commercial 2-4 33.00-42.00; Canner & Cutters 1-3 26.00-34.00.

SLAUGHTER BULLS 1 & 2 37.00-48.00.

LAMBS: Trend 3.00 higher. High Choice & Prime 47.50; Choice 38.75; Feeder Lambs Choice 41.50-43.75; *Slaughter Ewes 8.00-11.00.*

HOGS: US 1-3 200-240 lbs. 41.00. Sows 1-3 33.00-44.00. Boars 22.00.

SLAUGHTER CALVES: Good & Choice 49.00-59.00.

Four States Livestock

Hagerstown, Md.

Wednesday, October 12

Report supplied by auction

SLAUGHTER: Fed Steers- Few offered. Choice 58.00-59.50; Good 53.00-57.00; Medium 52.00 down. Heifer- Good 44.00-47.00; Medium 43.00 down. Cows- Mostly steady to 1.00 higher. High Yield 40.50-42.50; Average 37.00-40.00; Big Middle 32.00-36.00; Fatty Herf. 30.00-35.00; Shelly 35.00 down. Fat Bulls- Steady. Good 47.00-49.00; Medium 43.50-46.00. Veal Calves- Good run 3.00 higher. Farm Calves 10.00 higher. Choice 73.00-80.00; Good 65.00-72.00; Medium 58.00-64.00; Farm Hfrs. to 71.00; Farm Bulls 85.00-102.00; Light & Weak 42.00 down. Lambs- Few offered. Good & Medium 37.00-39.00.

STOCKER: Steers 300-550 lbs.- Good run 2.00 higher. Choice 58.00-62.50; Good 53.00-57.00; Medium 48.00-52.00; Culls 47.00 down. Steers 600-850 lbs.- Choice 54.00-58.00; Good 48.00-53.00; Medium 47.00 down. Heifer (All Weights)- Choice 50.00-55.50; Good 44.00-49.00; Medium 38 00-43.00. Bulls- Good 45.00-51.00; Medium 40 00-44.00. Dairy Cows- to 475.00 Springing Heifers- to 575.00 Pigs Hd.- 2.00 higher. 20-30 lbs. 8.00-15.00; 40-60 lbs. 16.00-21.00. Shoats by lb.- to 34.00. Slaughter Hogs- 1.00 higher. 210-230 lbs. 42.50-43.00, 240-260 lbs. 42.75-44.00; 190-205 lbs 40.00-41.50. Sows- 1.00 higher. 300-550 lbs. 34.25-40.25; Thin Sows 31 00-33 00

Lancaster Feeder Cattle

Friday, October 14

Report supplied by USDA

Today	732
Last Friday	423
Last Year	765

TREND: Compared to last week feeder steers 1.00-1 50 higher. feeder heifers and feeder bulls not fully tested Supply included 384 offered for sale in graded lots of 10 or more.

FEEDER STEERS

MEDIUM FRAME 1· Couple lots 500-515 lb. 59.50-60 75, couple lots 670-675 lb. 57.00-57.25; bulk 660-775 lb. 53 25-55 00

MEDIUM AND LARGE FRAME 1 One lot 875 lb 58 00 and one lot 995 lb. 57.25

SMALL AND MEDIUM FRAME 1: One lot 450 lb 54 50, few lots 600-670 lb. 56.25-57.25

MEDIUM FRAME 1-2 Couple lots 600-665 lb. 55 00-55 75; one lot 529 lb. 50.25.

MEDIUM AND LARGE FRAME 1-2: One lot 702 lb 55 00.

LARGE FRAME 2 One lot 635 lb. 55.00.

LARGE FRAME 2 HOLSTEINS: One lot 645 lb. 43 25, couple lots 730-735 lb. 45.00-45.25

FEEDER HEIFERS

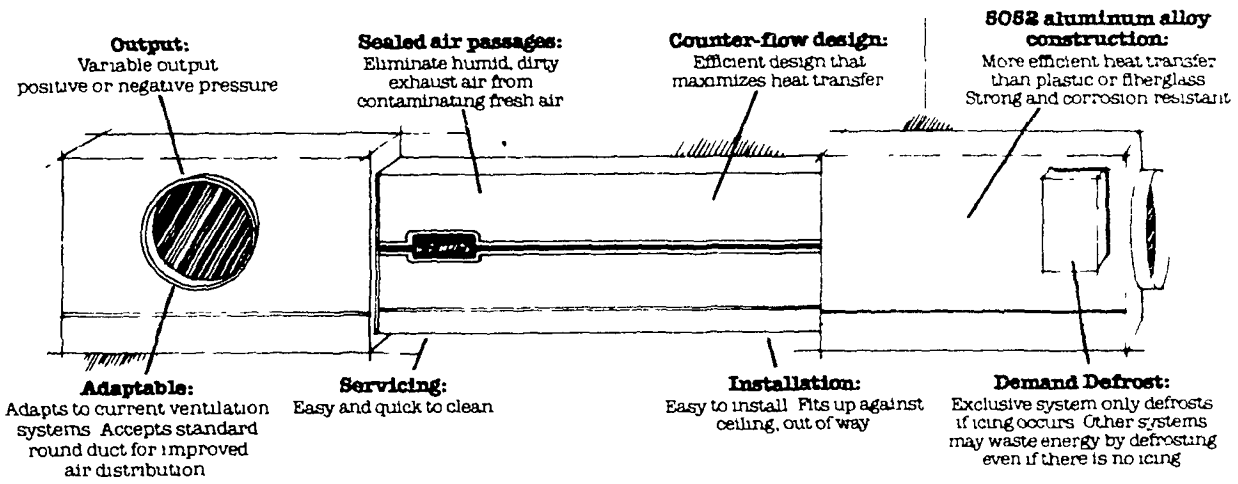
MEDIUM FRAME 1· One lot 480 lb. 48.00.

MEDIUM FRAME 1-2 One lot 430 lb. 42.00.

FEEDER BULLS

MEDIUM FRAME 1: One lot 560 lb 51.50.

L.B.WHITE


Output:
Variable output positive or negative pressure
Sealed air passages:
Eliminate humid, dirty exhaust air from contaminating fresh air
Counter-flow design:
Efficient design that maximizes heat transfer
5052 aluminum alloy construction:
More efficient heat transfer than plastic or fiberglass Strong and corrosion resistant
Adaptable:
Adapts to current ventilation systems Accepts standard round duct for improved air distribution
Servicing:
Easy and quick to clean
Installation:
Easy to install Fits up against ceiling, out of way
Demand Defrost:
Exclusive system only defrosts if icing occurs Other systems may waste energy by defrosting even if there is no icing

COMPARE

You'll end up owning a new L. B. White Heat Exchanger

When you look into cutting animal confinement heating costs with a heat exchanger...you'll want to take a long, hard look at L. B. White's Heat Exchanger.

3-year payback and a healthier environment. An L. B. White Heat Exchanger can lower your heating bills enough to pay for itself in just three years.* Here's how: with the L. B. White Heat Exchanger, the warm humid barn air is exhausted out through the heat exchanger where its heat is transferred to the fresh outside air as it enters the building. You slash heating bills because frigid outside air is pre-heated.

Your animals will be healthier, too. An L. B. White Heat Exchanger lowers humidity, reduces odor levels, and helps maintain a consistent room temperature.

We understand animal buildings. We've been heating animal confinement buildings longer than anyone else, over 15 years. We know what it takes to survive in that demanding and corrosive environment. We have the expertise and advanced facilities needed to develop a truly efficient heat exchanger. L. B. White Heat Exchangers proved themselves during the cold winter of 1981-82.

Compare heat exchangers. They are not all equal. We believe that when you know the facts, an L. B. White Heat Exchanger will be the one that ends up on your farm.

Find out more. Return the coupon. Learn more about heat exchangers in general and L. B. White Heat Exchangers in particular.

L. B. White...the nation's largest and oldest manufacturer of gas farm heaters.

*Payback figures are for comparison only Actual payback will depend on fuel costs degree days building heat loss building inside dry bulb and wet bulb air temperature outside air temperature and number and size of animals

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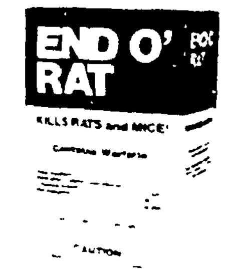
Kills rats and mice!

End O Ra* works fast to kill unwanted rats and mice Completely safe for use around the home farm or factory buildings End O Rat is specifically formulated to appeal to the natural feeding habits of rats and mice And End O Rat contains Warfarin—for proven effectiveness
Put End O Rat to work for you today!



END O' RAT

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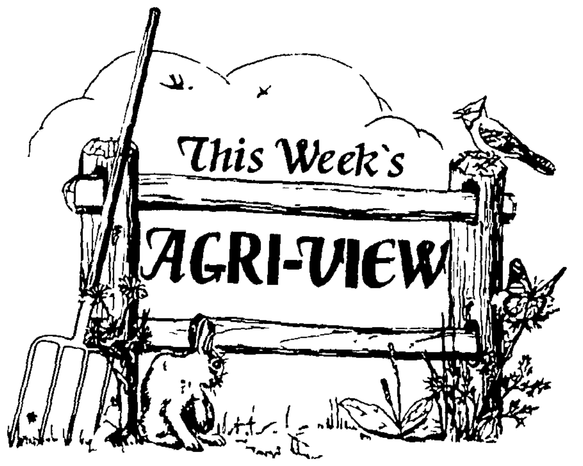


It's time for horse trading

BY DICK ANGLESTEIN

It's time for some serious "horse trading" to be done in Eastern Lancaster County.

One of the most placid and picturesque towns in the area is Churchtown. It's the kind of a town you'd be proud to say you're from and the kind you'd like to go back to after retiring.

Churchtown is right in the middle of two opposing pressures that will have long-range impact on not only the predominantly agriculture nature of that area, but well beyond its environs.

The federally-sponsored project to clean up the ag pollution of the Upper Conestoga Headwaters is moving ahead and will now concentrate on a six-square-mile area near Churchtown. Thirty-five farmers will be asked to cooperate in the installation of better field and waste management practices to control the runoff of nitrates into wells and streams.

Eventually, it looks like as much as $4 million in federal and farmer money could be invested in this project.

But also not too many miles away, neighboring farmers are faced with the proposed location of the hazardous waste dump.

State and local officials who are involved in the Upper Conestoga project and are asking farmers to cooperate admit that even they can't justify the two in their minds. On one hand, government is spending millions to clean up one type of pollution and, thus far, has not come out with a clear and definite statement that the dump -- another possible and more serious pollution problem -- just doesn't belong in the middle of a prime ag area.

To me, it's like feeding a lump of sugar to a horse with one hand and beating the daylights out of him with the other. Let's get these two hands together.

Yes, it's time for some serious horse trading.

If the state and federal government wants farmers cooperation on the ag pollution, how about some reciprocal cooperation in opposing the dump.

You farmers have a big bargaining chip in this battle. Let's use it. Farmers have very little chips in their annual gamble to survive. So, when you got one, hold on to it and use it for all its worth.

Concerns about the ag pollution stretch all the way to the Susquehanna Bay, where several states are getting together to save its ecological future.

I got a suggestion for Governor Thornburgh. I see that you plan to attend a fancy Choices for the Chesapeake gathering with the other governors on Dec. 7-9 at the George Mason University in Fairfax, Va.

There will be fancy dinners and luncheons. Probably some tasty Bay crabs.

There'll be an evening of folk music.

And an address by famed oceanographer and TV documentarian Jacques Costeau.

I got another suggestion for the agenda.

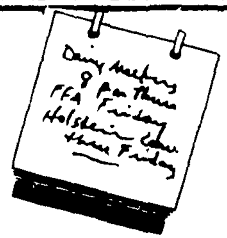
How about a gutsy statement opposing possible future pollution of this water system -- like a hazardous waste dump in Eastern Lancaster County.

PLAN YOUR GARDEN NOW!
HAZARDOUS WASTES
PHILA. TRASH

Lancaster County The Garden Spot

Some strange new seeds being sown

Farm Calendar



Monday, Oct. 24

Lancaster County FFA awards banquet at 6:30 p.m. at Kinzers Firehall.

11th annual session of the Pa. State Grange, Clearfield Holiday Inn. Continues through Wednesday.

PFA Policy Development Committee at the Sheraton in Harrisburg. Continues tomorrow.

Wednesday, Oct. 26

Pa. Poultry Federation Annual Conference at the Holiday Inn in Grantville. Continues tomorrow.

Pa. Grocers Association Pa. Products Promotion. Continues to Nov. 12.

1983 Ag Service Schools at 9 a.m. at the Bradford County Extension Office in Towanda.

Water Resources Meeting at 8 p.m. at Honesdale High School.

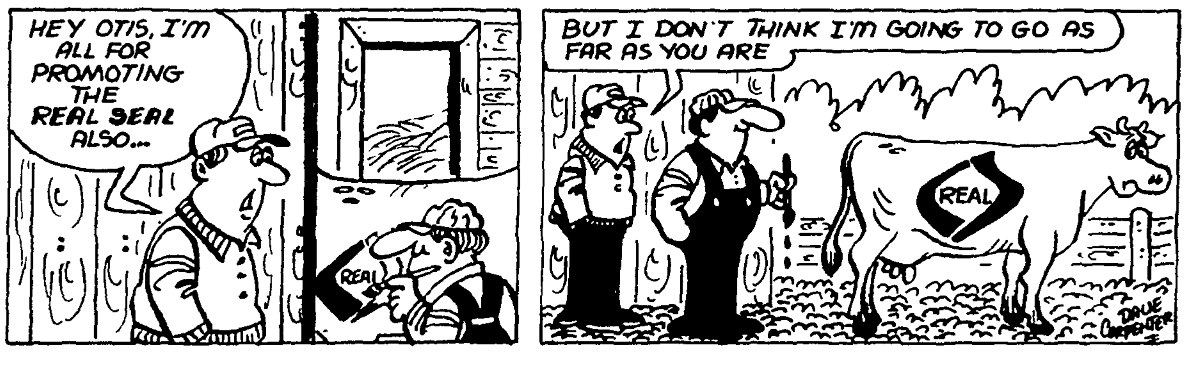
Thursday, Oct. 27

Pa. Holstein Association annual meeting and banquet.

Annual meeting, Agway Inc., Syracuse, N. Y.

Potato production field meeting at 3 p.m. at the Homer Courtright Farm, near Hamlin Corners, Wayne Co.

Otis


HEY OTIS, I'M ALL FOR PROMOTING THE REAL SEAL ALSO...
REAL
BUT I DON'T THINK I'M GOING TO GO AS FAR AS YOU ARE
REAL
DAVE CARPENTER

THE BIBLE SPEAKS
BY LAWRENCE W. ALTHOUSE

IMITATING GOD

October 23, 1983

Background Scripture:
Ephesians 4:17 through 5:2; 2 Corinthians 5:17.
Devotional Reading:
Titus 3:3-8.

Isn't it interesting that, when it comes to thoughts and ideas, we human beings do not hesitate for one moment to assume that we can think God's thoughts. Yet, when we pass from the realm of thought to action, we quickly recognize the impassable gap that lies between the human and the divine. We are all much more likely to speak great ideas about God than to do great things for God.

LIKENESS OF GOD

Writing to the church at Corinth, Paul instructed them: "Therefore, if any one is in Christ, he is a new creation; the old has passed away; behold the new has come" (2 Cor. 5:17). And the writer of Ephesians tells us: "put on your new nature" (4:24). The "new" that must displace the "old" is not just on the idea-level. The "new" is represented, not so much by the things we say or the ideas we express, but by the way we live. The world, in our times as much as in Christ's, is not so much in need of new ideas, creeds, doctrines, and theologies, as it is in need of new actions on the part of those who hold those ideas.

I'm not saying that there is no need for any further revelation from God, but that our problem seems to be that we haven't yet begun to put into action the revelation we already have. The new life that Paul called for is still very much needed today. Even the worlds in which he described that new life are still relevant for us· speaking the "truth" with one another, not letting "the sun go down" on our anger, avoiding "evil talk," bitterness and wrath and clamor and slander...," or to put it even more affirmatively: "be kind to one another, tenderhearted, forgiving one another, as God in Christ forgave you." So, if there is to be any likeness at all between the Creator and his creatures, it is to be a likeness of infinite love, not infinite wisdom. As Ephesians states it: "put on the new nature, created after the likeness of God in true righteousness and holiness" (4:24).

WALK IN LOVE

There are numerous times in the Bible—and the history of the human race as well—when God has had to remind us that we are the creatures and he is the Creator. But, whenever his children have been accused of pretentiousness, it has only been when we have aimed too high with our human, finite ideas, when we have posed as understanding what only the Creator can understand.

God, it seems, has never chastised us because we have aimed too high with our deeds. If we are going to imitate God, that is where it must be: "be imitators of God, as beloved children. And walk in love, as Christ loved us and gave himself up for us..." (Ephesians 5:1,2).

Thus, the "new creation" that we are called to be in Christ is summed up in one term that can never be presumptuous for us to attempt: "walk in love, as Christ loved us." If you're going to imitate God, let it be in love.

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Be Careful Around Manure Pits

This is the time of year that many liquid manure pits will be cleaned-out and spread on the land; the crops have been harvested and the ground is open enough to absorb much of the liquid; this is necessary rather than to apply it on frozen ground. A pass over the field with a disc will reduce the possibility of odors a great deal.

When these pits are emptied there is a danger of poisonous gases being present. If the mixture is agitated before being moved then good ventiliation must be provided above the pit. Also, never go into a pit without a gas mask or some type of respirator. Keep in mind that these gases can be explosive as well as poisonous to man and beast. Special care is needed in and around liquid manure pits.

To Evaluate Farm Records

The 1983 cropping season is about over and soon it will be time to summarize your farm accounts and be reporting to the Internal Revenue Service. In addition to the need of good farm records for tax reporting purposes, I'd like to suggest these farm records be used for future farm planning and in making major farm decisions. When time permits and as the outside work winds down this fall, it is good management to spend some time in your office and do some "pencil pushing" regarding the most profitable parts of your farming business. Your records of success of failure of the variouis enterprises are the best guide to future expansion or termination.

To Inspect Heating Systems

With colder weather upon us, we'll be using different types of heating units. In order to prevent the potential for fires and other problems, we suggest that all chimneys and flues be checked for cracks and places where sparks can escape.

In this part of the country, tobacco sheds have stoves to provide comfort for the winter job of stripping tobacco. Many of these have been in operation for many years and may need some attention. The mortar around pipes and between bricks may have fallen out; in many cases a repointing job with mortar will make the system much safer.

Don't take chances on a faulty system; it could start a major barn fire or the fumes could cause suffocation.

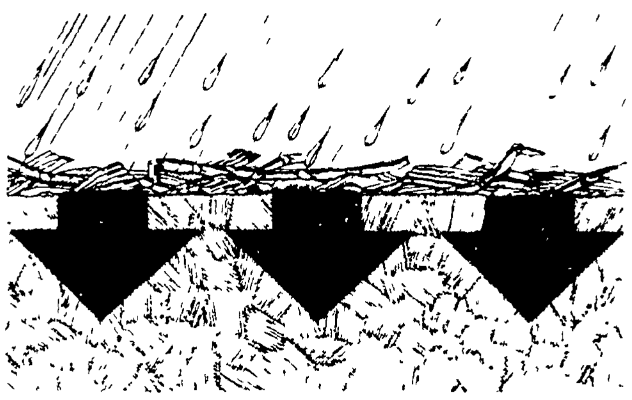
To Practice Good Public Relations

Farmers should be concerned about their image in the community. In most cases it's very good, and also the majority of non-farm people in the rural areas respect the needs and problems of the farmer. The image can be improved by getting better acquainted with your non-farm neighbors.

We urge farmers to invite their nearby neighbors to see their farm operations. In many cases a better understanding of the various farm operations will eliminate disputes and hassles about noise and odors.

Three reasons why Bicep gives better control than most tank mixes.

Low volatility



Bicep goes into the soil not into the air

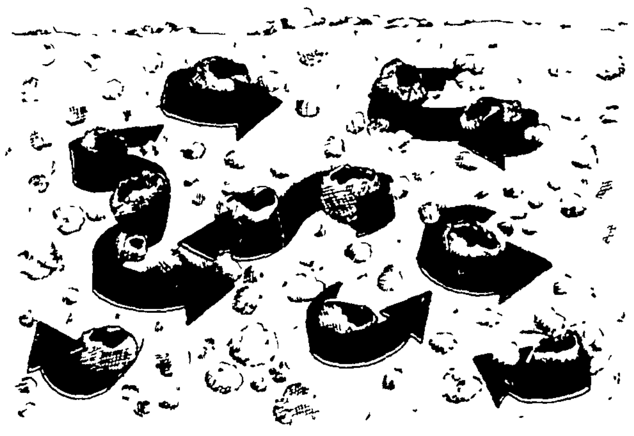
Sure, most tank mixes do a pretty good job on weeds and grasses in corn. But what if you could get even better control with just a single product? With Bicep,® you can.

Bicep is different. It's the double-duty herbicide that gets both weeds and grasses all by itself. In fact, Bicep actually outperforms most tank mixes. One reason why is that Bicep is low in volatility.

Volatile herbicides escape into the air soon after application They become ineffective But not Bicep Put it down and it stays put for season-long control—even in cool, wet weather

Low volatility is just the beginning of what makes Bicep better. Keep it in mind if you're up against tough weeds like cocklebur, pigweed, ragweed or black nightshade. Or late germinating grasses like foxtail, panicum or crabgrass.

Solubility



Bicep stays available and active in the soil solution

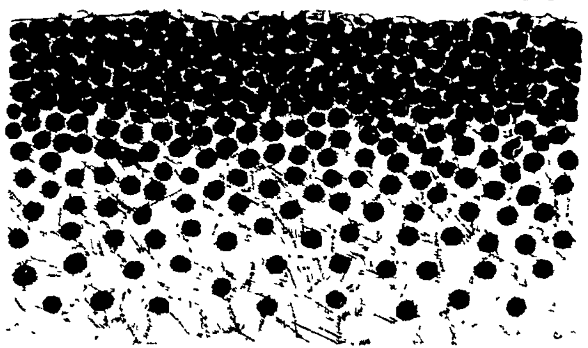
Bicep is more soluble than most tank-mix combinations.

Solubility is the ability of a herbicide to dissolve in water and become available for weed and grass uptake. The extra solubility of Bicep really helps. Because of it, Bicep is easily carried by water into the weed and grass germinating zone of the soil. And once it's there, Bicep is better dispersed. So it does a better job.

Greater solubility also makes Bicep readily available in the soil to be absorbed by the roots and shoots of weed seedlings that compete with corn And it's part of the reason Bicep is so effective in reduced tillage fields A light rainfall is all it takes to wash Bicep off surface trash and into the soil where it will go right to work

Yet, for all its solubility, Bicep doesn't leach out significantly It will give you the control you need right through harvest, even in a rainy growing season

Excellent adsorption



Bicep stays active in the germinating zone of weeds and grasses

Adsorption is the adhesive quality of a herbicide—how tightly or loosely it clings to soil particles. A herbicide that is too adsorptive becomes tied up by the soil—it becomes inactive. A herbicide that is not adsorptive enough leaches out excessively.

But with Bicep, adsorption is excellent, which helps explain why Bicep has staying power. Bicep stays active in the germinating zone right through harvest Yet there are no carryover problems with Bicep, so you can rotate to soybeans

Low volatility Greater solubility Excellent adsorption These are just some of the properties that help make Bicep better than most tank mixes Your dealer can tell you about other Bicep advantages Talk to him soon

CIBA—GEIGY

DOUBLE-DUTY BICEP

Ciba Geigy Ag Div Box 18300 Greensboro NC 27419 © 1983 Ciba Geigy Corporation

Livestock market and auction news

Oklahoma Cattle

Wednesday, October 19

Estimated Receipts: 10,500
Same Day Last Week: 8,159

Trade moderate. Demand good, with best demand noted on feeder steers over 600 lb. Feeder steers under 600 lb. steady; over 600 lb. 50 cents to 1.00 higher. Feeder heifers steady. Bulk of receipts medium frame 1 and mixed 1-2 400-750 lb. feeder steers and 300-600 lb. feeder heifers. Moderate buyer attendance.

FEEDER STEERS: Medium few large frame 1 300-500 lb. 66.75-72.60; 500-600 lb. 60.80-67.00, few 500-500 lb. 68.60-70.50; 600-700 lb. 59.00-61.00, Pkg. 623 lb. 62.50; 700-800 lb. 56.25-59.50, mostly 57.00-58.20; load 825 lb. thin 58.00.

Medium and Large Frame Mixed 1-2 350-500 lb. 61.50-66.75; 500-600 lb. 58.40-61.30; 600-700 lb. 53.75-57.50, Pkg 655 lb. 59.00; few 800-850 lb. 53.70-54.80.

Medium and Large Frame 2 600-700 lb. 52.50-55.20; 700-800 lb. 51.20-54.00; Pkg 855 lb. 51.70.

Large Frame 1 Holsteins Lot 610 lb. 43.10; 760 lb. 37.10; 925-950 lb. 38.10-38.50.

FEEDER HEIFERS: Medium few large frame 1 300-400 lb. 54.75-57.25; 400-500 lb. 52.25-57.00; 500-600 lb. 51.00-52.80, part load 535 lb. 54.70; 600-750 lb. 50.80-52.40.

Medium and Large Frame Mixed 1-2 300-500 lb. 48.00-52.00; 500-600 lb. 49.80-51.70; few 650-700 lb. 47.00-47.50.

Medium and Large Frame 2 400-450 lb. 45.00-48.10; 500-600 lb. 43.60-47.25; Pkg. 605 lb. 42.25.

Thursday, October 20

Trade fairly active and demand good for cattle suitable for grazing; trade and demand moderate on other cattle. The rain throughout the week resulted in favorable weighing conditions for the buyer. Feeder steers largely 1.00-2.00 higher. Feeder heifers under 500 lb. 50 cents to 1.00 higher; over 500 lb. averaged steady. Slaughter cows regained their early losses to close steady with breaking utility and commercial 2-3 33.90-38.20; cutter and boning utility 1-2 31.70-37.00; canners and low cutters 25.00-31.80, several 26.00-30.50. Slaughter bulls were steady all week with YG 1 1100-1500 lb. 40.00-47.00; 1500-1800 lb. 43.00-48.00, few very high dressing 50.00-51.00. Salable receipts this week estimated at 19,700 head compared with 19,216 head last week and 32,268 head last year. Bulk of receipt consisted of feeder steers and heifers; cows and bulls made up 14 percent of salable supply.

Dewart Livestock

Dewart, Pa.
Monday, Oct. 17
Report Supplied By PDA

CATTLE 278. Choice 2-4 1030-1500 lbs. slaughter steers 61.25-62.60, one at 63.00, Good 55.00-59.00, couple at 60.00, Standard 49.00-53.50. Choice slaughter heifers 55.00-60.00, one at 65.50, Good 49.50-55.50. Utility and Commercial slaughter cows 37.00-41.50, couple 42.25, Cutters 35.50-38.00, Canner & Low Cutter 32.00-35.85, Shells down to 30.75. Few Yield Grade #1 1090-1920 lbs. slaughter bulls 45.00-50.10.

FEEDER CATTLE: Few Choice Large Frame #1 500-575 lbs. feeder steers 58.00-60.00, few Large Frame #2 280-390 lbs. 47.75-48.75. Few Good Large Frame #1 400-625 lbs. feeder heifers 49.75-53.50.

CALVES 225. Few Choice vealers 78.00-91.00, Good 58.00-78.00, few Standard & Good 100-120 lbs. 55.00-65.00, 70-100 lbs. 45.00-52.00, few Utility 60-85 lbs. 40.00-47.00.

FARM CALVES: Holstein Bulls 90-120 lbs. 65.00-80.00, few down to 55.00.

HOGS 185. US No. 1-2 205-235 lbs. barrows and gilts 41.80-43.00, No. 1-3 205-260 lbs. 41.00-42.00, Lot No. 2-3 290 lbs. 37.50. SOWS: US No. 1-3 300-650 lbs. sows 35.00-39.50, couple at 42.00. BOARS 27.00-32.00.

FEEDER PIGS 92. Few Lots US No. 1-3 25-35 lbs. feeder pigs 15.50-18.00 per head, Lot No. 1-3 60 lbs. 27.00.

SHEEP 17. Few Choice 85-110 lbs. Wooled slaughter lambs 50.00-59.00. Few slaughter ewes 12.00-19.00.

GOATS 11: Few Large 19.00-38.00 per head.

New Wilmington Livestock

Monday, Oct. 17
Report Supplied By PDA

CATTLE 321. Slaughter cows about steady. Good slaughter steers 55.25-58.50, one 59.75, Standard 45.00-53.00. Few Choice slaughter heifers 57.00-59.00, few Good 50.25-55.00, Standard 41.75-47.25. Utility and Commercial slaughter cows 38.00-41.25, one at 42.00, Cutters 35.00-38.75, Canner & Low Cutter 25.00-35.00, Shells down to 15.00. Yield Grade #1 1100-1995 lbs. slaughter bulls 45.00-50.75, one at 52.50, Yield Grade #2 975-1550 lbs. 39.25-44.00.

FEEDER CATTLE: Good Medium Frame #1 750-980 lbs. feeder steers 43.50-47.00. Good Medium & Large Frame #1 380-670 lbs. feeder heifers 38.00-43.00.

CALVES 301: Vealers mostly steady. Few Prime vealers 95.00-99.00, Choice 80.00-91.00, Good 70.00-83.00, Standard & Good 90-125 lbs. 35.00-49.00, 60-85 lbs. 20.00-40.00, Utility Lot 54 lbs. at 10.00.

FARM CALVES: Holstein Bulls 90-135 lbs. 60.00-80.00. Holstein Heifers 85-120 lbs. 40.00-51.00.

HOGS 455. Barrows and gilts $1.50-$2.00 lower. US No. 1-2 210-245 lbs. barrows and gilts 40.50-42.25, 50 head at 42.85, No. 1-3 200-250 lbs. 38.75-40.50, Lot No. 2-3 270 lbs. 36.00.

SOWS: $1.50-$2.00 lower. US No. 1-3 300-600 lbs. sows 32.00-38.00.

BOARS: 25.00-32.00.

FEEDER PIGS 102. US No. 1-3 30-40 lbs. feeder pigs 8.50-16.00 per head, No. 1-3 40-60 lbs. 16.00-20.00 per head, No. 1-3 100-145 lbs. 34.50-39.00 cwt.

SHEEP 140. Choice and Prime 70-80 lbs. Wooled slaughter lambs 50.00-56.00, Good and Choice 75-105 lbs. 34.00-40.00, Choice and Prime 80-110 lbs. 40.00-52.50. Slaughter ewes 10.00-16.00.

Joliet Cattle

Thursday, oct. 20
Report supplied by USDA

CATTLE: Friday through Wednesday's salable receipts 2300; 5 days last week 2584; same period a year ago 3,700. Trading moderate to moderately active for the week. Slaughter Steers and Heifers ended the week steady to .50 higher compared with Wednesday of last week. Cows ended the week steady.

SLAUGHTER STEERS: Choice with a couple loads carrying a few Prime 2-4 1125-1325 lbs. 60.00-64.00 Monday; 61.00-64.00 Wednesday Choice 2-4 975-1100 lbs. 59.00-60.50 Monday; 59.00-61.00 Wednesday Mixed Good and Choice 2-3 1000-1200 lbs. 58.00-60.00 Monday; 59.00-61.50 Wednesday. Load Choice 2-3 1570 lbs. Holsteins 56.00 Monday. Few Mixed Good and Choice 2 1300-1400 lbs Holsteins 53.00 Monday.

SLAUGHTER HEIFERS: Choice 2-4 950-1125 lbs. 58.50-60.50, load 61.00 Monday; 58.50-60.00 Wednesday, 900-950 lbs. 58.00-59.00. Mixed Good and Choice 2-3 850-1000 lbs. 55.50-58.00.

COWS: Breaking Utility & Commercial 2-3 37.00-38.00.

New Holland Horse

New Holland Sales Stables
Monday, October 17
Report supplied by auction

Reported receipts of 295 head of horses, mules, and ponies. Market: steady.

LOCAL

Work Horses, Iowa singles, 735.00-775.00.

Standard Bred Horses, 600.00-1100.00, few 2 yr. olds, 500.00-600.00.

Riding, Driving Horses, 450.00-650.00, few 1020.00.

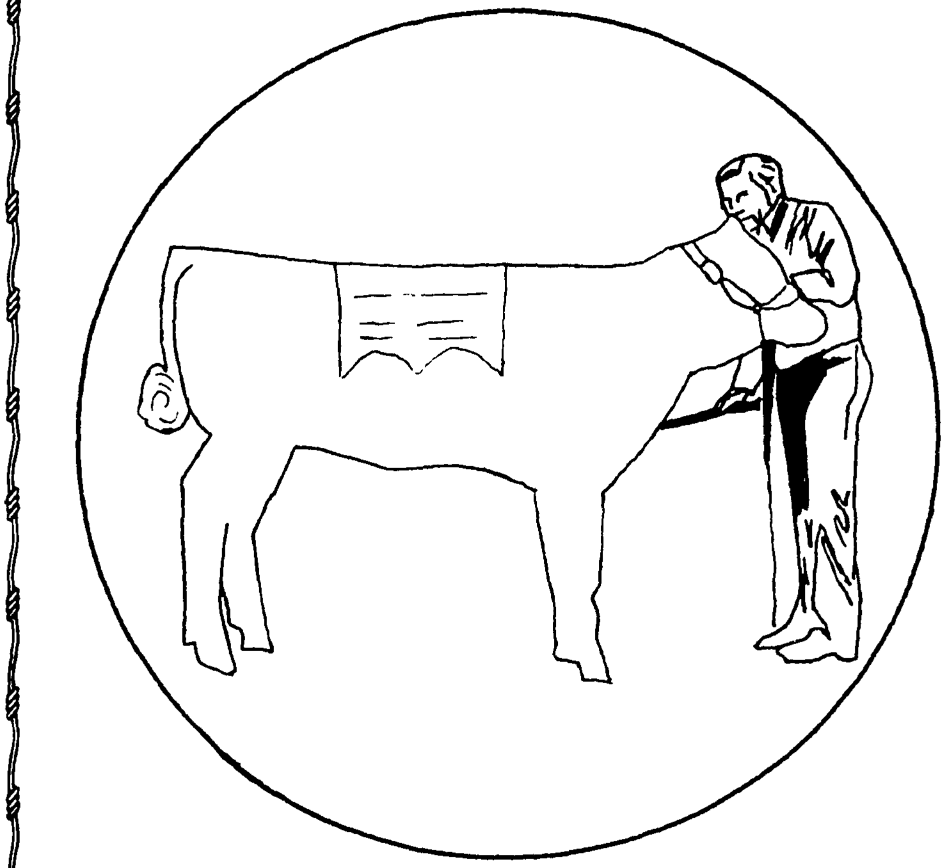
Heavyweight Killers, 350.00-600.00.

Lightweight Killers, 200.00-325.00.

Medium Ponies, 75.00-125.00.

Larger Ponies, 125.00-200.00.

Small Ponies, 25.00-50.00.



1983
PIEDMONT INVITATIONAL
CLUB CALF SALE

SATURDAY, OCTOBER 29
7:00 PM
FREDERICK FAIRGROUNDS
FREDERICK, MARYLAND

THE TRADITION OF PROVIDING TOP QUALITY CLUB CALVES TO SATISFIED 4-H & FFA MEMBERS CONTINUES IN ITS 4th YEAR.
50 CALVES WILL SELL FROM PROVEN HERDS WITH TOP QUALITY & INTEGRITY.
THIS YEAR WILL MARK THE BEST SELECTON OF SHOW PROSPECTS EVER - FOR YOUR NEXT CHAMPION.
ALL CALVES HAVE BEEN ACCLIMATED FOR PROJECT WORK.

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Livestock market and auction news

East Coast Carlot

Wednesday, October 19
Report supplied by USDA

Compared to Tuesday's close: Veal trade slow after liberal movement Tuesday. No sales prime special fed veal reported. Limited sales Good and Choice boning veal steady to 1.00 higher; inshipped veal generally steady with last test. Lamb trade not established, firm undertone meeting considerable resistance early. Bonelss beef lightly tested, weak undertone in response to yesterday's announcement concerning rejection of frozen ground beef offerings for USDA's school lunch program. Compared to last week beef trimmings firm to 5.00 higher.

VEAL CARCASS
Prime (Special Fed)
Hide On

220-280 lbs. no sales reported.

Good & Choice
Boning Type
Hide On

Northeastern Suppliers: all steady to 1.00 higher. 65-75 lbs. 80.00-82.00; 55-64 lbs. 78.00-80.00; 45-54 lbs. 76.00-80.00; 35-44 lbs. 74.00-76.00; 34 lbs. down 72.00-74.00.

Inshipped: All generally steady with Monday, 71-80 lbs. 81.00-83.00; 61-70 lbs. 79.00-81.00; 51-60 lbs. 77.00-79.00; 41-50 lbs. 75.00-77.00; 30-40 lbs. 73.00-75.00.

LAMB BEEF
Choice and Prime 3-4
2 Loads

All firm. 55 lbs. down 125.00; 55-65 lbs. 125.00; 65-75 lbs. 125.00.

BONELESS BEEF
(US and Canadian Origin)
1 load

85% Chem Lean Fresh 98.00.

BEEF TRIMMINGS
4 loads

Compared to last week 65% Chem Lean Fresh 67.00, firm.

50% Chem Lean Fresh 47.50, 4.00 to 5.00 higher.

50% Chem Lean Frozen 48.00, early Nov. delivery.

Keister's Livestock

Middleburg, Pa.
Tuesday, Oct. 18
Report Supplied by Auction

CATTLE 451: Compared with last Tuesday's market, High Choice & Prime slaughter steers 63.00-64.35, Choice 62.00-64.25, Good 55.00-61.75, Standard 50.00-55.00, Utility 45.00-50.00. Choice slaughter heifers 55.00-57.75, Good 50.00-55.00, Standard 45.00-50.00, Utility 38.00-45.00. Utility & Commercial slaughter cows 37.00-41.50, few 42.75, Cutters 34.00-38.75, Canner & Low Cutter 28.00-34.00, Shells down to 22.00. Choice slaughter bullocks 54.50-57.00, Good 50.00-54.50. Yield Grade #1 1200-1875 lbs. slaughter bulls 53.00-58.75, Yield Grade #2 800-1200 lbs. 40.00-53.00.

FEEDER CATTLE: 350-700 lbs. feeder steers 48.00-59.00. 350-700 lbs. feeder heifers 32.00-52.00. 400-600 lbs. feeder bulls 42.00-59.50.

CALVES 186: Prime vealers 95.00-97.50, Choice 75.00-95.00, Good 110-150 lbs. 55.00-75.00, Standard & Good 90-110 lbs. 45.00-55.00, 70-90 lbs. 40.00-45.00.

FARM CALVES: Holstein Bulls 90-120 lbs. 60.00-84.00.

HOGS 664: US No. 1-2 210-235 lbs. barrows & gilts 42.35-43.50, few Lots 44.10, No. 1-3 200-250 lbs. 41.50-42.35, No. 2-3 190-270 lbs. 38.50-40.50.

SOWS: US No. 1-3 490-600 lbs. sows 36.50-38.00.

BOARS: 27.00-28.50, few 31.75.

FEEDER PIGS 413: US No. 1-3 10-20 lbs. feeder pigs 7.00-16.00 per head, No. 1-3 20-40 lbs. 16.00-22.00, No. 1-3 40-60 lbs. 22.00-28.00 per head.

SHEEP 53: Choice 80-110 lbs. Wooled slaughter lambs 45.00-50.75, Good 40.00-45.00. Slaughter ewes 15.00-22.00.

Eighty-Four Livestock

Monday, Oct. 17
Report Supplied by PDA

CATTLE 302. Slaughter cows 50 cents-$1 higher. Choice slaughter steers 58.50-60, few Good 55.00-58, Standard 46.50-55, Utility 41.00-46.70. Standard slaughter heifers 44.00-48.50, Utility 40-44.50. Utility & Commercial slaughter cows 38.25-41.75, couple 43.00&43.75, Cutters 35.00-38.50, Canner & Low Cutters 28.00-35.25, Shells down to 20. Yield Grade #1 1000-1600 lbs. slaughter bulls 44.00-50, #2 900-1200 lbs. 39.50-40.75.

FEEDER CATTLE. Medium Frame #1 350-600 lbs. feeder steers 50.00-56, #2 600-750 lbs. 48.00-51.75. Medium Frame #1 300-700 lbs. feeder heifers 41.00-46, few Large #1 600 lbs. at 50.00. Medium Frame #1 400-600 lbs. feeder bulls 50.00-58, few Small Frame #1 350-450 lbs. 43.00-46.00.

CALVES 260. Choice vealers 71.00-83, Good 61.00-72, Standard & Good 90-120 lbs. 47.00-53, 60-85 lbs. 42.00-49, few Utility 31.00-45.00.

FARM CALVES. Holstein Bulls 90-120 lbs. 60.00-70; Hol. Heifers 90-115 lbs. 50.00-64; Good & Choice 250-350 lbs. slaughter calves 43.00-55.00.

HOGS 71. Barrows and gilts $2-$3 lower. US No. 1-2 230-250 lbs. barrows and gilts 41.00-41.50, few No. 1-3 210-240 lbs. 40.00-41, few No. 2-3 240-280 lbs. 35.00-35.50. US No. 1-3 300-550 lbs. sows 33.00-36.00. BOARS 25.00-29.00.

FEEDER PIGS 13. US. No. 1-3 25-35 lbs. feeder pigs 11.00-15.25 per head.

SHEEP 159. Wooled slaughter lambs $4-$5 higher. High Choice & Prime 80-100 lbs. wooled slaughter lambs 50.00-53.50, Choice 70-100 lbs. 46.00-48.50, few Good 75-100 lbs. 43.75-44, few Good 70-75 lbs. 45.00-47.25, few Utility 40-55 lbs. 29.00-34.00. Slaughter ewes 12.00-14.00. GOATS 7: 12.00-24.00 per head.

Peoria Cattle

Thursday, Oct. 20
Report supplied by USDA

Compared to last week· Slaughter Steers and Heifers sold steady Cows and Bulls closed 1 00-2.00 lower. Trade slow Steer consignments in excess of 1100 lbs and Heifers over 950 lbs. most sought after with lighter weights discounted. Supply of yield grade 4 consignments increased this week and also discounted accordingly. Receipts this week 1750, compared to 1644 last week and 3182 last year

SLAUGHTER STEERS. Choice 2-4 1050-1250 lbs 59 50-60.50, about two loads 60.75-61.00 975-1050 lbs. 59 00-60.00 Good and Choice 2-3 and scattered lots Choice 3-4 950-1200 lbs. 57.00-59 00 Good 55 00-57.00

SLAUGHTER HEIFERS Choice 2-4 900-1100 lbs. 58.00-59 00, few packages and part loads 1025-1150 lbs. 60.00, few lots YG 4-5 52 00-55.00. Good and Choice 2-3 and Choice 3-4 900-1050 lbs 57.00-58 00 850-900 lbs. 55.00-57.00. Good 51 00-55.00.

COWS· Breaking Utility and Commercial 2-4 34.00-36.00. Cutter and Boning Utility 1-3 34.00-40 00, late 34.00-37.00, Canner and Low Cutter closing 27 00-34.00.

BULLS: YG 1-2 1100-1600 lbs 43.00-46.00.

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FULL SEASON
980 117 days
excellent for either silage or grain, 980 comes out of the ground fast and keeps growing strong.
967 114 days
the dominant hybrid in its maturity class, 967 shows big girthy ears and outstanding yield potential. A must!

MID SEASON
924 109 days
consistent year in and year out, 924 produces richly colored kernels of high test weight grain and is a good picking corn.
921 108 days
genetic yield potential is 921's strength. 921 dries down fast and should be planted on your best grouna.

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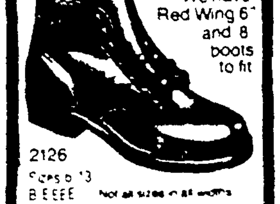
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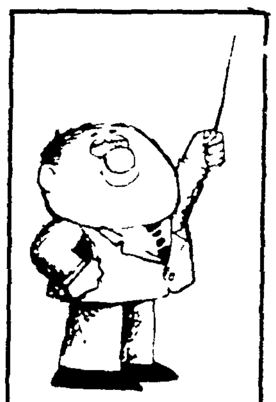

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Livestock market and auction news

PENNSYLVANIA MARKETS

Morrison Cove Livestock

Martinsburg, Pa.
Monday, Oct. 17
Report Supplied by Auction

CATTLE 365. Choice slaughter steers 61.50-63.50, one at 69.50, Good 57.50-60.25, Standard 50.25-56.50, Utility 44.25-49.75. Choice slaughter heifers 55.50-59.50, one at 65.50, Good 52.50-54.25, Standard 46.50-50.50, Utility 38.50-42.75. Utility & Commercial slaughter cows 41.00-44.50, Cutters 38.50-40.50, Canner & Low Cutters 32.75-37.50, Shells down to 28. Choice slaughter bullocks 54.25-55.50, Good 48.50-52.25, Standard 42.25-45.50, Utility 36.50-41.25. Yield Grade No. 1 slaughter bulls 52.50-54.50, #2 50.25-51.25. FEEDER CATTLE: Choice 375-600 lbs. feeder steers 54.00-62. Good 300-500 lbs. feeder heifers 47.00-51.00. Good 325-475 lbs. feeder bulls 46.00-51.00.

CALVES 364. Prime vealers 88.00-90, Choice 72.50-80.50, Good 55.00-67.50, Standard & Good 110-130 lbs. 54.00-61, 90-100 lbs. 52.00-53, 70-90 lbs. 48.50-51.50, Utility 38.00-45.00.

FARM CALVES: Holstein Bulls 95-125 lbs. 68.00-88.00; Hol. Heifers 95-120 lbs. 52.50-64.50.

HOGS 311. US No. 1-2 210-220 lbs. barrows and gilts 43.75-44.25, No. 1-3 210-220 lbs. 42.25-43.50, No. 2-3 180-280 lbs. 40.25-41.50. US No. 1-3 350-500 lbs. sows 37.25-39.50, No. 2-3 350-650 lbs. 33.75-35.50. Boars 28.00-30.00, light weights 31.50-33.00.

FEEDER PIGS 63. US No. 1-3 40-55 lbs. feeder pigs 19.00-24 per head, No. 1-3 25-35 lbs. 8.00-13 per head.

SHEEP 10. Good 86 lbs. wooled slaughter lambs at 42.00. Slaughter ewes 10.50-17.00.

GOATS 10: 11.00-29 per head.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, October 18
Report supplied by auction

Beef Cows: Utility and Commercial 39.25-42.85; Cutters 35.75-39.00; Canners 32.85-35.50; Shells 26.00.

Heifers: Standard 46.25-49.10; Commercial 35.00-43.50.

Steers: Standard 45.00-53.75.

Bulls: Standard 45.50-48.00.

Feeder Cattle: 300-500 lbs. large frame 40.00-46.00; 300-500 lbs. small frame 34.50-40.50; 500-700 lbs. large frame 42.75-45.00; 500-700 lbs. small frame 36.00-41.00.

Veal Calves: Choice 77.00-84.00; Good 64.00-76.00; Standard 56.00-63.00; Utility 39.00-55.00.

Farm Calves: Bulls 74.00-88.00; Heifers 50.00-64.00.

Hogs: 42.00-44.75.

Sows: 32.00-34.00.

Boars: 25.00-34.50.

Shoats: 25-30 lbs. per head 6.00-11.00; 30-35 lbs. per head 11.00-14.50; 35-50 lbs. per head 12.00-17.50.

Lambs: 39.00-47.00/head.

Goats: 14.00-22.00/head.

Greencastle Livestock

Greencastle, Pa.
Monday, Oct. 17
Report Supplied By Auction

CATTLE: Butcher Steers - Medium - Good 48.50-62.00; Butcher Heifers - Choice 57.00-60.00; Butcher Heifers - Medium - Good 43.00-58.00; Butcher Cows - Utility - Good 37.00-42.00; Butcher Cows - Canners and Cutters 34.00-40.50; Butcher Cows - Shells down to 31.00; Butcher Bulls - Medium - Good 48.00-57.75; Stock Steers - Medium - Good up to 57.00; Stock Heifers - Medium - Good -49.00.

CALVES: Medium - Good Calves - 160-220 lbs. 75.00-97.00; Medium - Good Calves - 125-160 lbs. 60.00-80.00; Medium - Good Calves - 100-120 lbs. 50.00-70.00; Medium - Good Calves - 80-100 lbs. 45.00-60.00; Holstein Bull Calves up to 75.00; Holstein Heifer Calves - 65.00; *Light and Green Calves down to* 30.00.

HOGS: Good - Choice Butcher Hogs 190-225 lbs. 38.00-41.00; Good - Choice Butcher Hogs 225-250 lbs. 40.00-41.00; Good - Choice Butcher Sows 400 lbs., up to 35.00; Good - Choice Butcher Cows 400 lbs., up - 36.00; Pigs - Per Head 6.00-17.00.

G&M Livestock

Monday, October 17
Duncansville, Pa.
Report supplied by auction

SLAUGHTER CATTLE: Steers- Choice 61.00-65.00; Good 55.00-61.00; Standard 50.00-55.00; Utility 46.00-50.00. Heifers- Choice 55.00-60.10; Good 50.00-55.00; Standard 46.00-50.00; Utility 42.00-46.00. Cows- Choice 40.00-42.00; Good 36.00-40.00; Standard 32.00-36.00; Utility 30.00-32.00; Cutters 28.00-30.00; Canners down to 24.00. Bulls 1100-1800 lbs. 46.00-55.00; 900-1100 lbs. 42.00-52.00.

FEEDER CATTLE: Steers- Choice 300-600 lbs. 46.00-58.00. Heifers- Choice 300-600 lbs. 42.00-52.00.

CALVES: Vealers- Prime and High Choice 75.00-85.00; Good and Choice 60.00-75.00; Standard 40.00-60.00; Utility down to 30.00. Farm Calves- Holstein bulls 90-120 lbs. 70.00-88.00. Heifers- 90-120 lbs. 60.00-75.00.

HOGS: Barrows and Gilts 200-250 lbs. 40.00-44.00; 170-300 lbs. 36.00-40.00. Sows- 300-600 lbs. 30.00-40.00. Boars- 28.00-32.00.

FEEDER PIGS: 25-35 lbs. 10.00-16.00 per head; 35-60 lbs. 16.00-25.00.

SHEEP: Slaughter lambs 80-110 lbs. 40.00-50.00. Ewes- 8.00-32.00.

Belleville Livestock

Belleville, Pa.
Wednesday, October 19, 1983
Report Supplied By PDA

CATTLE 142. Compared with last Wednesday's market, slaughter cows weak to $2.50 lower, mostly 75 cents-$1.75 lower. Individual Good slaughter steer at 54.85, few Standard 42.75-45.60. Few Standard slaughter heifers 40.50-42.25. *Utility & Commercial* slaughter cows 35.25-39.85, couple 40.60, Cutters 33.00-36.50, Canner & Low Cutters 29.25-33.50, Shells down to 25.00. Yield Grade #1 825-1245 lbs. slaughter bulls 46.75-50, one #2 950 lbs. at 39.75.

CALVES 230. Individual Choice vealer at 68.00, few Standard and Good 105-120 lbs. 52.00-55.00, 70-100 lbs. 45.00-51, Utility 50-85 lbs. 30.00-45.00.

FARM CALVES: Holstein Bulls 90-125 lbs. 53.00-79, mostly 60.00-73; *few Holstein Heifers 100-125 lbs.* 53.50-57.00.

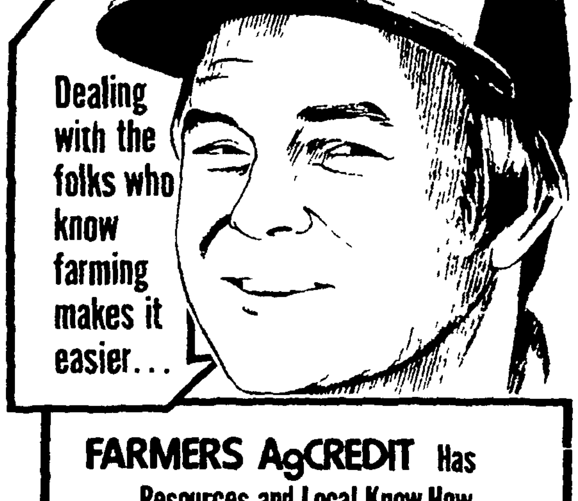
HOGS 260. Barrows and gilts $3 lower. US No. 1-2 210-240 lbs. barrows and gilts 41.85-42.85, No. 1-3 195-240 lbs. 40.10-42.00, lot No. 2-3 300 lbs. at 40.50, No. 1-3 170-190 lbs. 35.00-37.75. *SOWS:* US No. 1-3 290-500 lbs. 35.25-38.25.

BOARS 25.50-30.50 (few).

FEEDER PIGS 268. US No. 1-3 10-20 lbs. 8.00-13 per head, No. 1-3 20-35 lbs. 11.00-18.50, No. 1-3 35-55 lbs. 17.00-27 per head, Lot No. 1-3 *140 lbs. at 46.00 per head.*

SHEEP: 58. Choice 80-110 lbs. wooled slaughter lambs 37.00-45.50, one 48.00, Utility & Good 60-80 lbs. 33.00-38.00. Few Slaughter ewes 8.00-11.00.

GOATS 14: Large 19.00-45 per head. *HOLSTEIN DAIRY COWS* $500-$880 PER HEAD, COUPLE $1030 PER HEAD.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TOBACCO GROWERS

If you want to sell your tobacco to go south, do not strip before rib is dryed down real good. Do not strip as damp as you were used to doing in PA if you want a good market now and in the future. Do not handle or strip on real damp days, that is a good day to take off or do your other work, you have time all winter. Do not use your tobacco cellar or if you do make sure you get it out the next day. This tobacco heats quicker and we do not want it to heat at all. If you have some that gets too damp hang it out in the wind. If you put it in bales too damp it's almost impossible to dry again and the leaves bake together too hard. It should rattle, rattle, rattle. A good rule of thumb is if you hold a handful of stripped tobacco upside down in your hand, the leaves should stand up. If they bend over it's too damp to bale.

Throw all green out with the stalks where it belongs. Green greatly reduces the quality of your crop as it makes it bitter. Make your bales the Tenn. size, 12 inches wide, 22 inches high, 35 inches long. If you do not have a Tenn. box you can use your old one by using 2 pieces of 1 inch plywood cut 35 inches long and about 32 inches high, nail inside your box, make your chains a little longer and cut 1 inch off each side of lid, use cotton twine, 3 ropes (not 4), no paper, bales should weigh 55 to 65 lbs. Follow this and if one Company rejects your tobacco the next will buy. If you get a good offer consider selling part crop, it might get better.

PS - Cut this out and put in a plastic bag and hang in your stripping room as a reminder.

SOUTHERN BUYER

Livestock market and auction news

Indiana Auction

Homer City, Pa.
Thursday, October 20
Report supplied by PDA

CATTLE: 180. Compared with last week's market: Stl. cows strong to .25 higher. Sl. steers: (few) Good 54.00-55.00; Standard 49.50-53.00; (few) Utility 45.50-50.00. Sl. heifers: (few) Utility 45.50-50.00. Sl. Heifers: (few) Good 52.00-54.00; Utility 39.00-44.00. Sl. cows: Utility & Commercial 38.25-41.75; Cutters 34.50-38.50; Canner & L. Cutter 30.00-35.00. Sl. bulls: (few) Yield Grade No. 1, 1150-1600 lbs. 47.50-50.25; (few) Yield Grade No. 2, 1000-1300 lbs. 43.00-46.00.

FEEDER CATTLE: Steers, (few) Medium Frame No. 1, 500-800 lbs. 48.00-52.00. Heifers, Medium Frame No. 1, 400-600 lbs. 43.00-48.00. Bulls, (Few) Medium Frame No. 1, 500-700 lbs. 44.00-49.00.

CALVES: 197. Vealers mostly steady. Choice 73.00-85.50; Good 63.00-74.00; Standard & Good 90-120 lbs. 47.00-52.50; 60-85 lbs. 38.00-49.00.

FARM CALVES: Hol. Bulls 90-120 lbs. 55.00-78.00.

HOGS: 86. Barrows and gilts 1.50-2.00 lower. US No. 1-2 220-240 lbs. 42.00-43.00 No. 1-3 200-220-lbs. 40.00-41.00; US No. 1-3 350-550 lbs. 33.00-36.00; few No. 2-3 400-600 lbs. 30.75-34.00. Few Boars 27.00-27.75.

FEEDER PIGS: 29. US No. 1-3 35-45 lbs. 15.00-20.00 per head; Utility 20-30 lbs. 9.00-11.00.

SHEEP: 44. Feeder lambs Choice 80-95 lbs. 41.00-45.50; (few) Good 50-65 lbs. 40.00-43.00.

Chambersburg Livestock

Chambersburg, PA
Thurs., Oct. 20
Report Supplied By PDA

CATTLE: 370. Compared with last week's market: Sl. cows about steady. Sl. steers: (few) Choice 1030-1200 lbs. 60.50-62.00; Good 54.85-58.85; (few) Standard 45.35-53.00. Sl. heifers: Choice 55.85-58.85; (few) Good 50.00-54.35; (few) Standard 46.50-48.00. Sl. cows: Utility & Commercial 37.25-41.50; Cutters 36.00-38.75; Canner & L. Cutter 31.25-36.00. Sl. bulls: Yield Grade No. 1, 1100-2035 lbs. 47.10-54.75.

CALVES: 535. Vealers steady to 3.00 higher. Choice 82.00-97.00; (few) Good 60.00-80.00; Standard & Good 105-120 lbs. 53.00-55.00; 70-100 lbs. 47.00-52.00; Utility 50-85 lbs. 35.00-47.00.

FARM CALVES: Hol. Bulls 90-130 lbs. 55.00-85.00, mostly 60.00-75.00; Hol. Heifers 100-150 lbs. 53.00-70.00.

HOGS: 130. Barrows and gilts 1.50-2.25 lower. US No. 1-2 210-230 lbs. 40.50-41.60 No. 1-3 220-260 lbs. 39.85-40.60; US No. 1-3 300-500 lbs. 32.25-36.00. few Boars 26.25-31.50.

FEEDER PIGS 40. (few) lots US No. 1-3 20-25 lbs. 7.50-11.00 per head.

SHEEP: 46. (few) Choice 70-110 lbs. 41.50-49.00; Good 40-50 lbs. 40.00-41.00. few Sl. ewes: 5.00-14.00.

GOATS: 4. Few Large 33.00-37.00 per head.

Leesport Auction

Leesport, Pa.
Wednesday, Oct. 19
Report supplied by PDA

CATTLE 412: Supply included 136 feeder cattle. Slaughter steers steady to weak. Slaughter cows weak to 1.00 lower. Few Choice 1120-1250 lbs. slaughter steers 61.85-64.50, Good 56.00-60.75, one at 61.60, few Good and Choice 1300-1450 lbs. Holsteins 52.00-56.00, Standard 50.00-54.50, few Utility and Low Standard 45.10-48 60. Couple Choice slaughter heifers 56.25 & 58.25, few Good 51.00-54.85, few Standard 44.00-48.00, few Utility 37.50-41.00. Utility & Commercial slaughter cows 39.10-42.50, Low Dressing Utility 34.75-38.75, Cutters 34.00-40.10, Canner & Low Cutter 31.85-34.25, Shells down to 22.50. Good and Choice slaughter bullocks 53.00-60.50, few Standard 46.85-51.25. Yield Grade #1 1240-1685 lbs. slaughter bulls 49.25-53.10, few Yield grade #2 900-1500 lbs 40.25-48.25.

FEEDER CATTLE: Large Frame #1 500-600 lbs. feeder steers 59.00-63.50, Medium frame #1 400-750 lbs. 52.00-60.50, few 63.50, Large Frame #2 450-800 lbs. 36.50-45.50. Few Medium Frame #1 500-800 lbs. feeder heifers 39.50-46.00, few Large Frame #2 400-825 lbs. 38.00-45.00. Medium Frame #1 500-600 lbs. feeder bulls 47.00-55.00, Large Frame #2 435-675 lbs. 43.00-43 50.

CALVES 177: Choice vealers 75.00-81.00, one at 84.00, Good 70.00-75.00, few Standard & Good 115-130 lbs. 53.00-62.00, 90-110 lbs 48.00-53 00, 75-85 lbs. 45.00-48.00, few Utility 90-110 lbs 45.00-46 00, 55-85 lbs. 30.00-40.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 51.00-86.00, mostly 70 00-82 00. Few Good and Choice 350-500 lbs. slaughter calves 46.00-48 00

HOGS 237· Barrows and gilts 2 00-3.00 lower. US No 1-2 200-235 lbs. barrows and gilts 43 60-44 25, No. 1-3 205-275 lbs. 41.85-42 85, Lot 41.00, few No 2-3 300-325 lbs. 39 00-40 25, Lot No. 1-3 190 lbs. 38 25.

SOWS· US No. 1-3 300-600 lbs sows 33 00-35.50, few No 2-3 650-670 lbs. 32.00-33 00.

BOARS· 28.00-29 25, few light weights 33.00-35.00.

FEEDER PIGS 195 CWT US No. 1-3 30-35 lbs. feeder pigs 45 00-54.00. No. 1-3 40-60 lbs. 45 00-51.00. Lot No. 1-3 75 lbs. 39.00, Lot Utility 25 lbs. 40.00.

Westminster Livestock Auction

Westminster, Md.
Tuesday, October 18
Report supplied by auction

BUTCHER COWS: Steady to .50 lower! High Yield 40.00-41 75; Standard & Utility 37.00-40 00; Canners 34.00-37.00; Shelly 34.00 down. Slaughter Bulls- High Yield 1700-2000 lbs. 52.25-53.25; Good 45.00-49.00. Steers- Very Active Bidding. High Yield Choice 60 00-62.00, one to 66.00; Good to Choice 56.25-59.00. Heifers Choice to Prime 56.00-60.00; Good 49.00-55 00

BUTCHER HOGS: US #1&2 215-240 lb. 41.60-41.75; 1 lot 270 lb. to 40.00. Sows- 360-560 lb 33.50-38 25. Boars- 575-655 lb. 29.75-30.25; 360 lb. to 28.50.

VEAL CALVES: Mostly steady prices. Good & Low Choice 65.00-73.00; Standard 50.00-60.00. Killers 80-100 lb. 45.00-55 00; Weak & Rough 42.00 down.

CALVES RETURNED TO FARM: $10. under last week on Bulls. Holstein Heifers- 95-115 lb 55 00-62.00. Holstein Bulls- 90-125 lb 56.00-83.00, mainly 60.00-78.00 Beef Type- 85-110 lb. 50.00-67.00.

LAMBS: Choice 105 lb. to 46 50, Prime 120-145 lb. 39.00-43.50

STOCK CATTLE: Steers- Choice 300-650 lb. 54.00-57.00; Good 50 00-54.00; 700-950 lb 50 00-55 75 Heifers- Choice 300-650 lb. 45 00-49 00, Good 42.00-45 00, 700-800 lb 44 00-50 00. Bulls- Couple 275 lb to 64 00, 300-650 lb 48 00-54 50

PIGS AND SHOATS Small run By the head- 15-25 lb 4 50-9 00. 1 lot 40 lb. at 15.00

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Octoraro receives scenic river designation

Photo by Trish Williams

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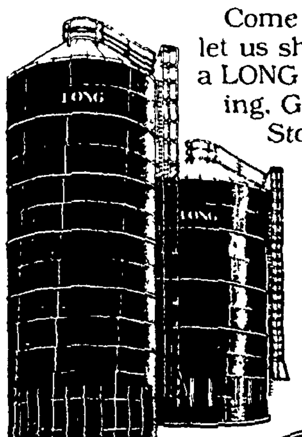

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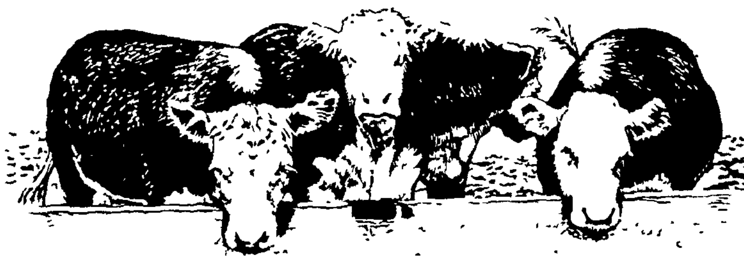

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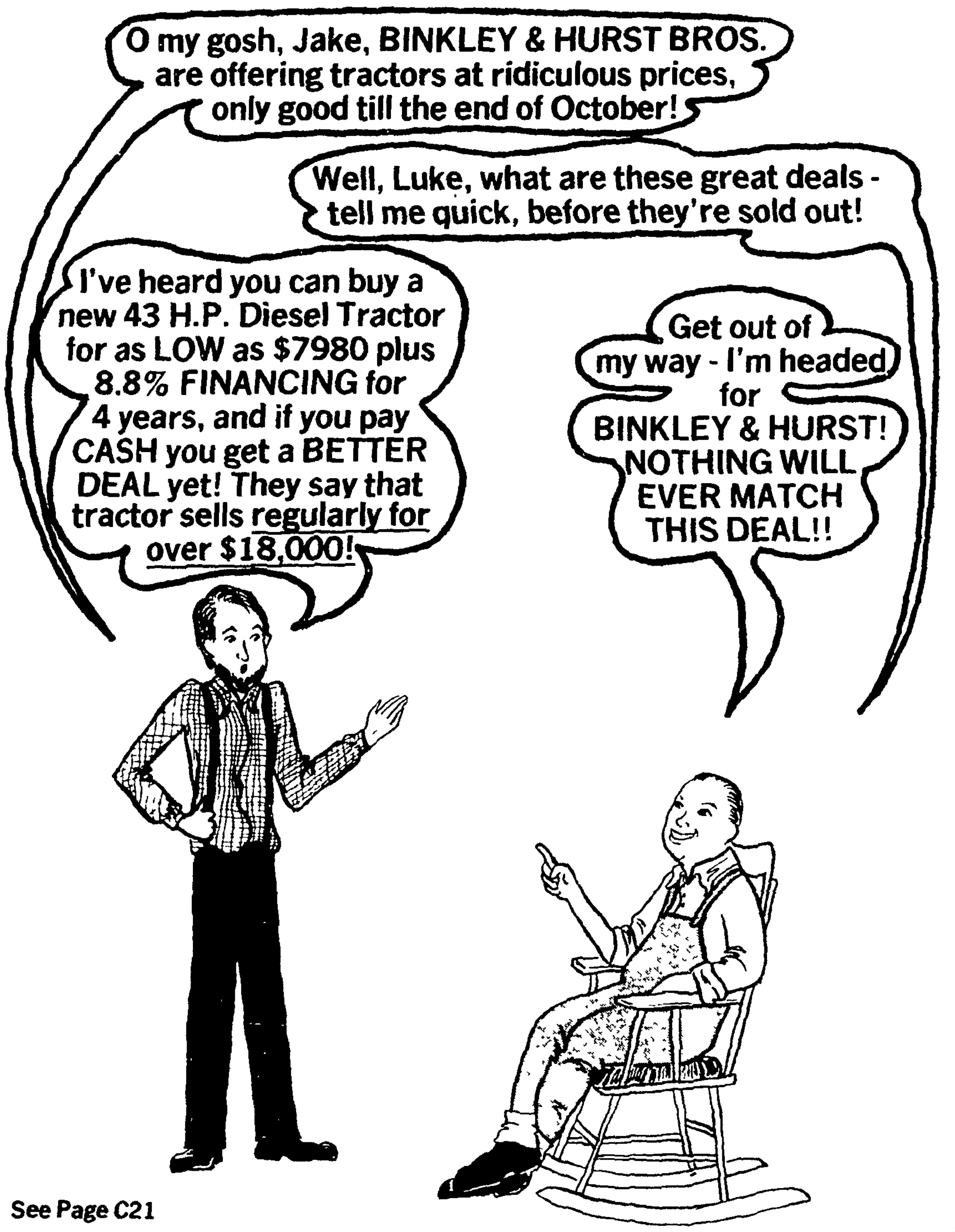
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See Page C21

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Livestock market and auction news

Weekly Summary

Friday, October 21

Report supplied by PDA

Markets: 15.

CATTLE: 7032. Compared with 4992 head last week, and 6889 head a year ago. Compared with last week's market: Slaughter steers uneven, Choice & Prime steady to 1.00 higher; Standard & Good steady to 1.00 lower; Sl. heifers .50-1.50 lower; Sl. cows steady to 1.00 lower; Sl. bulls steady to 2.00 lower. Sl. steers: High Choice & Prime 65.00-67.85; Choice 61.00-65.50; Good 54.00-61.00; Standard 45.00-54.50. Sl. heifers: Choice 55.00-60.00; Good 49.50-56.00; Standard 41.00-48.50. Sl. cows: Utility & Commercial 37.25-42.50; Cutters 34.50-40.00; Canner & L. Cutter 28.00-36.50; Shells down to 20.00. Sl. bullocks: Good 50.00-56.75. Sl. bulls: Yield Grade No. 1, 1200-2100 lbs. 45.00-55.00; Yield Grade No. 2, 900-1400 lbs. 39.50-48.00.

FEEDER CATTLE: Steers, Medium Frame No. 1, 350-800 lbs. 46.00-56.00, few to 60.50. Heifers, Medium & Large Frame No. 1, 300-700 lbs. 38.00-48.00. Bulls, Medium Frame No. 1, 400-700 lbs. 45.00-56.00.

CALVES: 4577. Compared with 3808 head last week and 4292 head a year ago. Vealers steady to 5.00 lower. (few) Prime 95.00-105.00; Choice 75.00-97.00; Good 60.00-83.00; 90-110 lbs. 45.00-54.00; 70-90 lbs. 35.00-49.00; Utility 50-100 lbs. 20.00-40.00.

FARM CALVES: Hol. Bulls 90-135 lbs. 55.00-86.00; Hol. Heifers 90-140 lbs. 50.00-76.00.

HOGS: 6965. Compared with 6150 head last week and 6367 head a year ago. Barrows and gilts 2.00-3.00 lower. US No. 1-2 200-245 lbs. 41.00-43.50 No. 1-3 200-255 lbs. 39.50-42.00; No. 2-3 240-280 lbs. 37.50-40.50; Sows 1.00-2.00 lower. US No. 1-3 300-600 lbs. 32.50-38.00. Boars 26.00-32.00.

FEEDER PIGS: 1333. Compared with 1353 head last week and 1081 a year ago. Mostly steady. US No. 1-3 20-35 lbs. 7.00-16.00 per head; No. 1-3 35-50 lbs. 11.00-22.00; No. 1-3 50-75 lbs. 17.00-34.00.

SHEEP: 983. Compared with 257 head last week and 1068 head a year ago. Wooled sl. lambs about steady. High Choice & Prime 70-110 lbs. 48.00-56.00; Choice 60-115 lbs. 40.00-50.00; Good 60-110 lbs. 32.00-42.00. Sl. ewes: 8.00-24.00.

3 GRADED FEEDER PIG SALES: 2822. Compared with 1927 head last week, and 3065 head a year ago. All sales by CWT. Feeder Pigs under 40 lbs. weak to 6.00 lower, over 40 lbs. strong to 7.00 higher. US No. 1-2 25-30 lbs. 66.00-67 00, 30-40 lbs. 49.00-64.50, 40-50 lbs. 45.00-63.00 50-60 lbs. 49.00-64.50, 40-50 lbs. 45.00-63.00, 50-60 lbs 46.00-58.00, 60-80 lbs. 45.50-58.00; US No. 2-3 25-40 lbs. 50.00-60.00, few down to 35.00, 40-55 lbs 43 00-53 00. few down to 32.00.

North Jersey Livestock

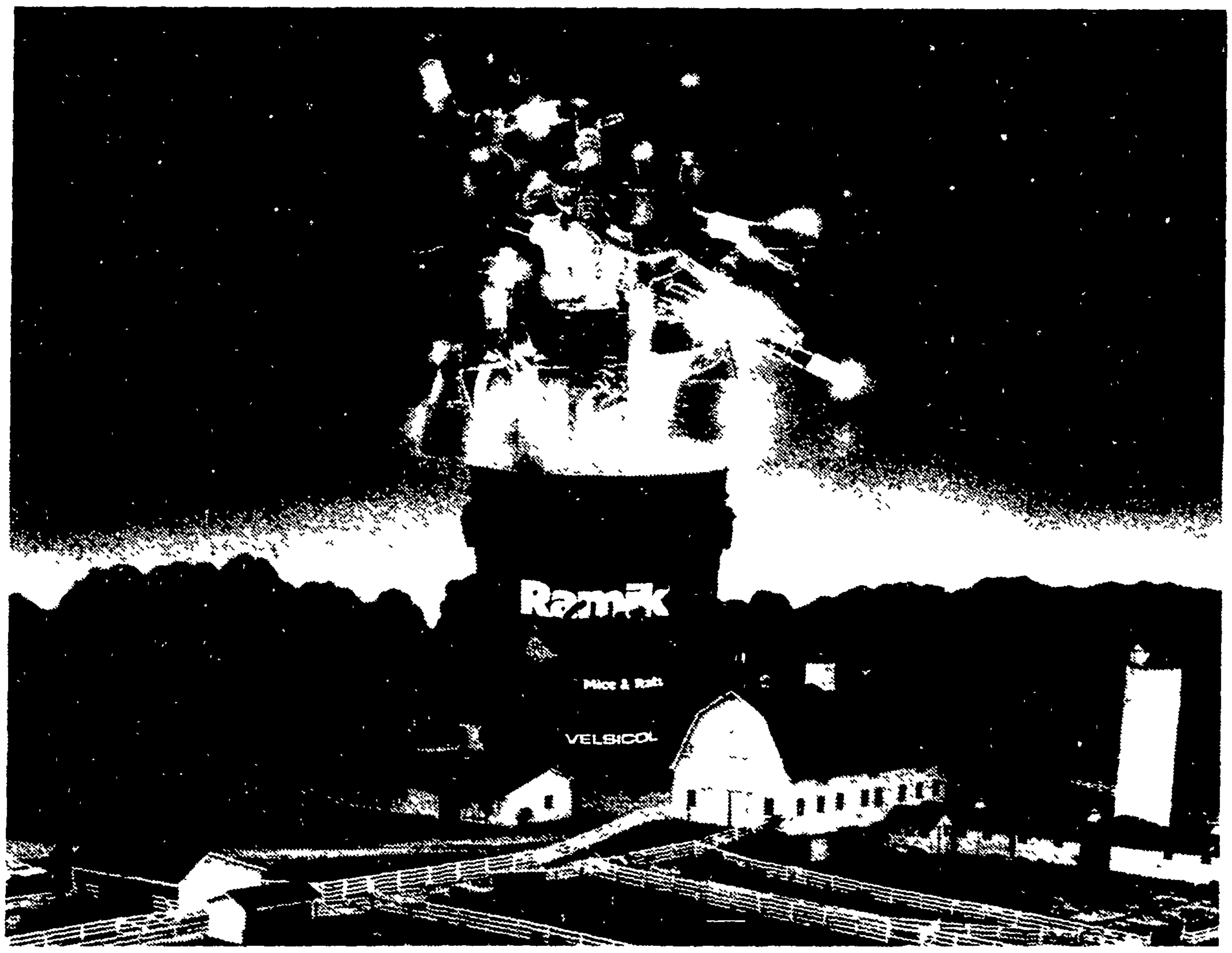
Hackettstown, N.J.

Tuesday, October 18

Report supplied by auction

1246 head.

Calves 29.00-115.00; Cows 30.00-45.00; Easy Cows 15.00-39.50; Heifers 32.00-47 75; Bulls 38 00-57.00; Steers 43.75-59 50; Hogs 34.00-49.00; Roasting Pigs, each 16 00-45.00; Kids 5.00-39.00; Boars 32.00-34.25; Sows 25.00-36.00; Sheep 10.00-45.00; Lambs, each 9 00-40.00; Lambs, per lb. 19.00-60 00; Goats, each 9.00-69.00; Hides 8 00-15.00.



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Grange plans egg trip to Washington

HARRISBURG — Pennsylvania State Grange Master Charles Wismer, Jr. today announced the Pennsylvania State Grange is sponsoring a bus trip to Washington, D.C. in order to - "personally convey the plight of the Pennsylvania poultry farmer to our Congressional Delegation, and stress the serious need for immediate and comprehensive legislation to save the family poultry farmer from extinction."

The bus trip will take place on Nov. 2, from Gettysburg in Adams County (the 2nd top egg producing county in the state) to Washington, D.C. where the meeting with state Congressional Delegates is scheduled from 11:30 a.m. to 2:00 p.m. including a luncheon at 12:15 p.m. in room B-340 of the Rayburn Office Building.

Several representatives of Pennsylvania's independent egg producers have previously met in September with state officials to present their "blueprint for survival" in a depressed egg market. Producers from Adams, Lancaster, York and Cumberland Counties-major egg producing counties in the state-cited profit losses due to foreign and domestic corporate investors, high feed prices brought on by the Payment-In-Kind program and the drought, and high utility rates.

In Washington on Nov. 2, specific solutions will be urged by egg producers, including: an immediate stop to foreign and corporate investment groups and others using this as a tax shelter in agriculture; the addition of eggs and poultry to the Packers and Stockyards Act, which will provide payment protections for poultry growers; support for the inclusion of eggs in the 1937 Farm Commodities Agreement Act; creation of a national poultry supply/management program; the release of government surplus grain for feed; and the lowering of interest rates for loans to family egg producers with under 200,000 birds.

Family egg producers are experiencing their fourth consecutive year of losses, according to Dolly Sterner, a spokesperson for the egg producers and a Grange member. A poultry farmer, she noted that 40 percent of the state's 4,700 independent egg producers went out of business last year. "Producers are losing up to six cents on every dozen of eggs they produce," Sterner said.

Sterner also , said that independents are losing their markets in part to large foreign and domestic investors who continue to expand in a surplus egg market. Foreign investors now own up to 25 percent of all laying birds in Pennsylvania compared to 15 percent a year ago. The poultrymen feel that these million-bird operations are expanding to the detriment of the small family farmers, who will eventually be squeezed out of the market. In Adams County, foreign-owned laying hens far outnumber hens owned by family producers, and foreign competition is the number one contributor to the Adams County poultryman's financial crunch, Sterner asserts.

Wismer said the Grange is working with the State Assembly on controlling further foreign expansion, as well as on introducing legislation requiring prompt payment by processors to Pennsylvania poultry farmers. It is expected that U.S. Senator Arlen Specter will introduce similiar legislation on the latter, this session of Congress.

"Pennsylvania is a state that is traditionally ranked third in the nation in egg production, and it generated a market value in eggs of nearly $281 million in 1982; therefore, it is vital that we protect the future of Pennsylvania's family egg farmers," Wismer commented.

The Grange expects a group of about 40 emissaries on the Washington trip including Grange representatives, independent poultry farmers from across the state, and other farm organizations representatives.

"We hope to be duly received and listened to by Senator's Arlen Specter (R) and John Heinz (R), as well as the state's Congressional Representatives, and we expect a good response for our efforts in Washington on November 2nd," Wismer stated.

Farm - City ribbon cutting

Joining Earl Newcomer, president of the Lancaster Farmers Assn., in cutting the ribbon for opening of Farm-City Week observance at Park City shopping mall are, from the left, Ken Brandt, state representative; Congressman Bob Walker; Bob Magel, advertising and promotions director at the mall; and Robert Boyer, Lancaster County Commissioner.

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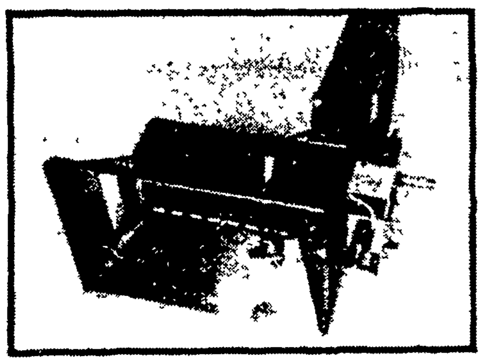

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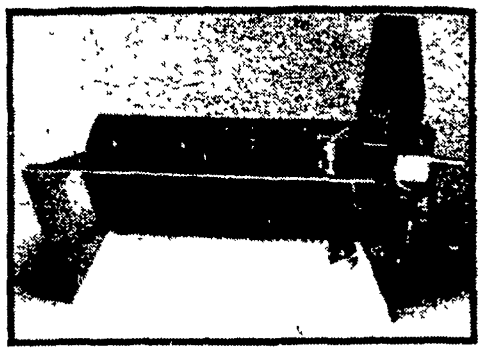

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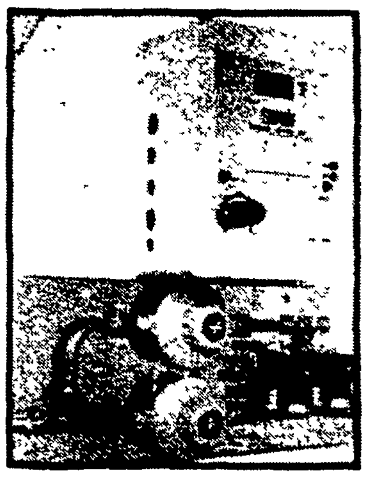

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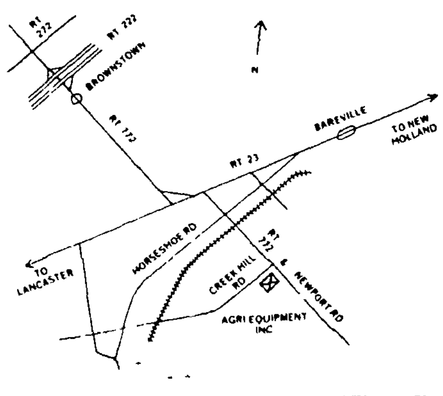

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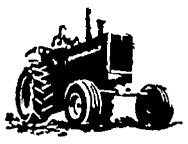

Pa. plans Cooperative Director School

HARRISBURG — Cooperatives play a key role in keeping Pennsylvania at the forefront of agricultural production and marketing activities in the U.S.

"The leaders of these associations must recognize their responsibilities in maintaining sound organizations if Pennsylvania is to continue as an agricultural leader," said State Agriculture Secretary Penrose Hallowell. Hallowell today announced plans for a two-part "school" designed to develop or further sharpen the policy-making skills of cooperative directors and board personnel.

The Pennsylvania Cooperative Director School will be held Dec. 5-7 and Jan. 18-19, 1984, in the Keller Conference Center, University Park.

According to Hallowell, Phase I of the school addresses the responsibilities of the cooperative director and board, and focuses on such topics as business, financial policy and "people" issues.

Phase II deals with ideas and concepts to be considered by the cooperative board and management team. Subjects to be covered include "Evolution of a Cooperative Director"; "Effective Board Structure and Organization"; "The Value of Evaluation"; "Productive Board/Management Relationships"; and "How to Know When the Cooperative is in Trouble "

"The agricultural sector recognizes that cooperatives are the backbone of Pennsylvania agriculture," said Hallowell "This *school should help strengthen* those cooperatives that choose to participate, and greatly benefit Pennsylvania agriculture, the state's number one industry," he added

More than 900 directors of Pennsylvania agriculture co-ops are eligible to participate in the training school Enrollment in the *first year's school*, however, will be limited.

The Director School concept was developed by and has the full support of a nine-member advisory council and ad hoc committee under the direction of Secretary Hallowell and Dr. Samuel H Smith, Dean of the College of Agriculture, The Pennsylvania State University. Guidelines for the establishment and operation of an agricultural cooperative are spelled out in the Cooperative Agricultural Association Act of 1968.

The advisory council is chaired by James E. Honan, retired general manager of Inter-State Milk Producers Cooperative Members of the advisory council and ad hoc committee include Darvin Boyd, Lancaster, Hamilton Bank; Park Buckwalter, Jr., Watsontown, Northeastern Farm Credit Service; Richard Croner, Berlin, Agway, Inc.; Hal F. Doran, State College, Pennsylvania Association of Farmer Cooperatives; Howard Featherman, Harrisburg, Pennsylvania Cooperative Potato Growers, Inc ; Carl Johnston, Waynesburg, Milk Marketing, Inc.

Also, William P Moore, Chatham, Federal Land Bank of Baltimore; Douglas Moorehead, North East, National Grape Cooperative Association, Inc.; Douglas Smith, Huntingdon, Valley Rural Electric Cooperative; David Yoder, Lancaster, Atlantic Breeders Cooperative; Michael Zapach, Coopersburg, Montgomery-Bucks Farm Bureau Cooperative, Thomas Brewer, Penn State University; Porter Little and David Martin, Farm Credit Banks of Baltimore; and James Sumner, Pennsylvania Department of Agriculture.

For additional information about the school, write to· Penn State-PAFC Cooperative Education Services, 114 Armsby Building, Penn State University, University Park, PA 16802.

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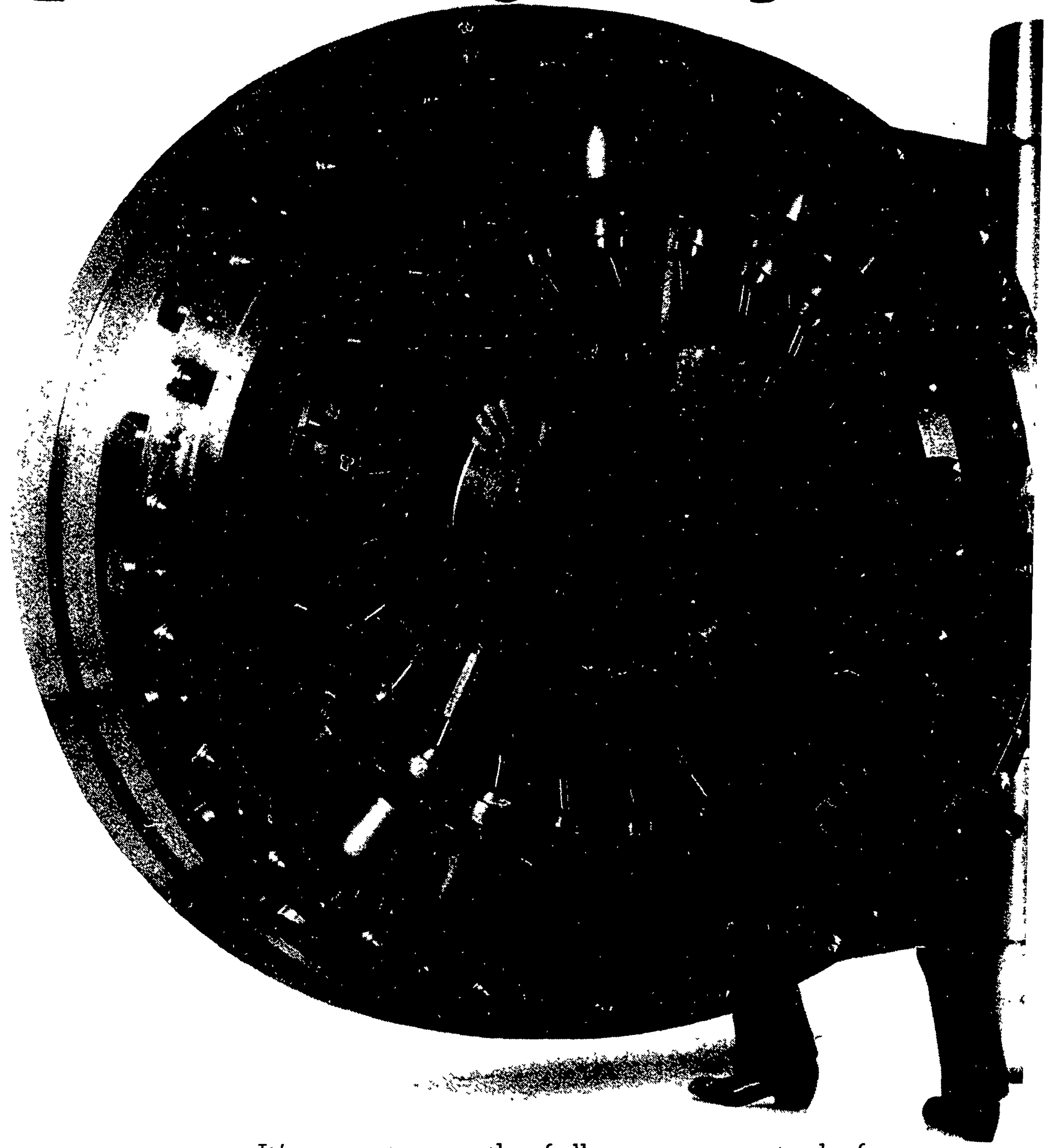

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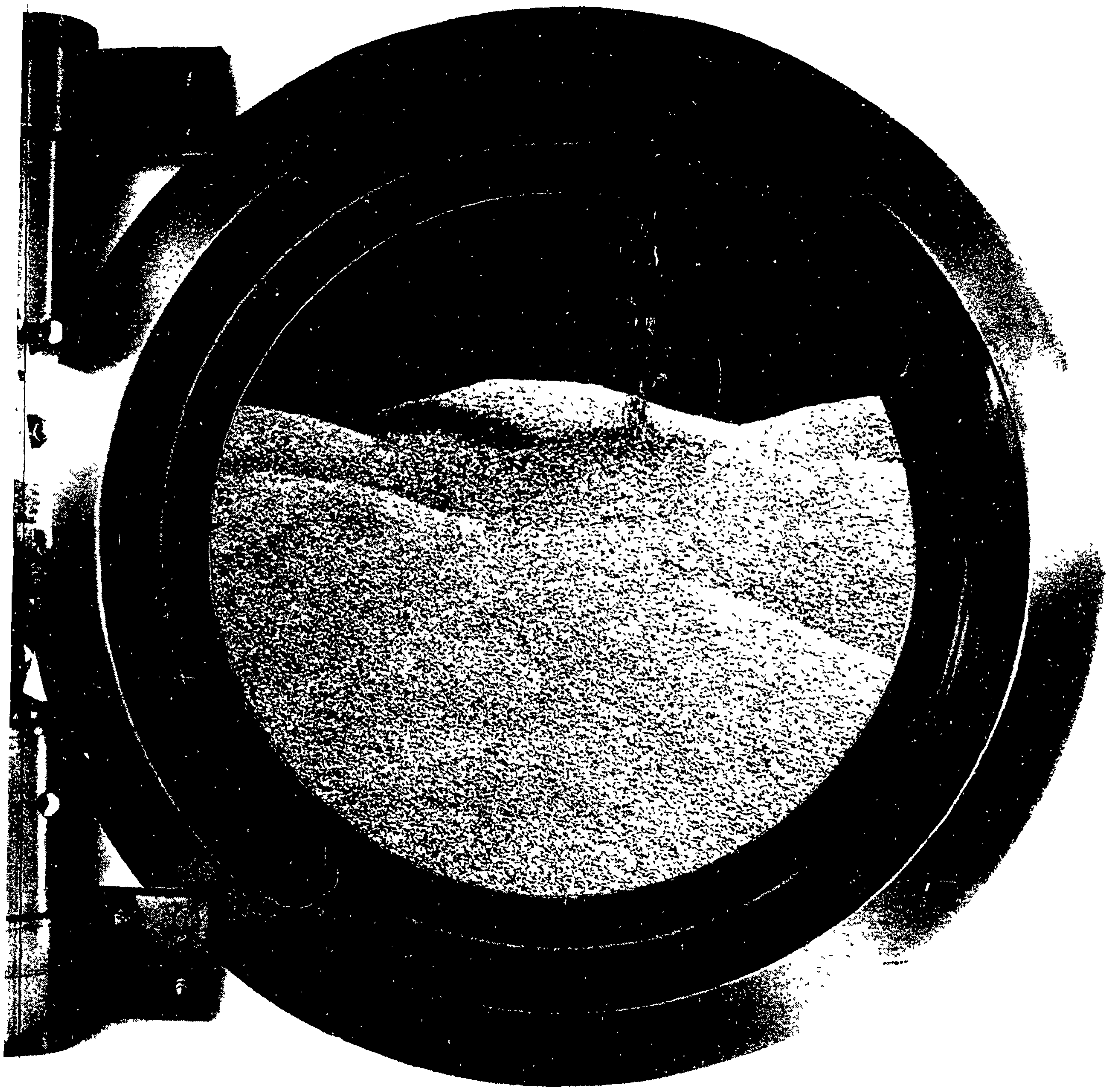

And that adds up to a bonus for you at harvest. Because the less stress on your crop, the better your yield will be.

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Minimum investment, enjoyment possible in beef operation

BY DONNA McCONAUGHEY
Staff Correspondent

CENTRE HALL — It is possible...possible to raise high quality beef cattle on a few acres with minimal investment in buildings and equipment. It is not only possible but can be very satisfying as the Erskine Cash family of Centre Hall has discovered.

The Cash's 40-acre farm located at the top of a hill just east of State College near Route 322 represents the culmination of their dreams, goals, and philosophy of life. Erskine, a professor of Dairy and Animal Science and Coordinator of the beef program at Penn State, was raised on an "all-purpose farm" and "Willie", his wife, grew up on a commercial Hereford farm, both in Virginia. Therefore, it was only natural that they made a decision early in their marriage to raise their children in the country. They also both hoped to have their own livestock operation someday.

Far beyond this, the Cash's beef cattle operation represents a philosophy of farm management that big acreage, lots of buildings, and expensive equipment are not necessary to produce high quality cattle. They currently own eleven Angus and two Simmental cows.

High quality can be measured by their success on the show road this summer. This included Champion female at the North East Regional Junior Angus Preview Show in Augusta, N.J., and placings in the top ten of their classes for both 12-year-old Lori, and Chad, a high school senior, at the National Junior Angus Show in Des Moines, Ia.

Being in the winners' circle is not new to either Lori or Chad. Chad has accumulated five steer champion and reserve champion honors, and four heifer championships, as well as champion and reserve champion honors in heifer competition at both Farm Show and KILE during his eight year 4-H career.

Also quite accomplished in the hog show ring, Chad has won weight championships at county competition and has shown market hogs in junior competition at Farm Show. In addition to all of this, Chad has received Champion Showmanship honors in both swine and beef competition all the way from county shows to the 1983 New Jersey Angus Field Day.

Although only a 4-H member for four years, Lori is hot on the heels of her brother. In fact, 1983 seems to have been "Lori's year". Her winnings at the Centre county fair included Reserve Champion Steer, Grand Champion Beef Showman, Grand Champion Market Hog and Champion Lightweight hog. This was an addition to her winnings at the Regional and National Junior Angus shows.

Lori also has a past record of a steer champion, Angus heifer championships, and hog showman honors at the county show. In addition, she showed homebred Angus heifers to Reserve Champion honors at the 1982 KILE junior show and claimed the Reserve Champion award in both open and junior competition at Farm Show.

Lori also has a special interest in horses and has shown both her pony and Appaloosa horse in 4-H competition.

That all sounds like a lot of winning but Lori and Chad are quick to point out that none of it would be possible without the support of their parents. In fact, Willie spent a week at the 1983 Farm Show (her "vacation") taking care of their beef cattle so that her family would be able to show. Willie also teaches skin care for Mary Kay cosmetics, and is responsible for much of the day-to-day management of their beef herd such as calving and heat detection. In addition, she finds time to maintain a beautifully landscaped lawn with inviting flower gardens in several locations, a vegetable garden, and serves as the proverbial family chauffeur.

Willie has planned most of the landscaping herself and completed the necessary work with the help of her family. The result is a home which sits on a small hill with a breath-taking view and makes one feel like you are really "away from it all".

The Cash family laughs when they talk of what it was like when they first moved to this location six weeks ago. Since coming to Penn State eleven years ago they looked for a place to establish a beef herd. This 40 acres was overgrown with weeds and brush and had no buildings when they bought it. They built their house first and because they did not have a barn yet, Chad recalls, his first animals were hogs kept in with four gates. "That was our barn."

The second year they built their barn. But the barn would only be a shed by many peoples' standards (24x48 feet). It has two large box stalls and an area for baled hay storage. Yes, that is the extent of their buildings.

But what about equipment? Where do they store that? There is no equipment (other than some cattle handling conveniences built into their corral near the barn).

Their acreage is all in grass. They make their own first cutting hay only. They "maximize grass usage and minimize equipment usage."

They buy what little grain they use to feed their steers and show heifers, and, of course, Lori's horses. They do not need to keep their cattle in during the winter due to the contour of their land. This 40 acres includes some steep hillsides with pine covered ravines. The cattle can gain protection from cold winter winds

(Turn to Page A24)

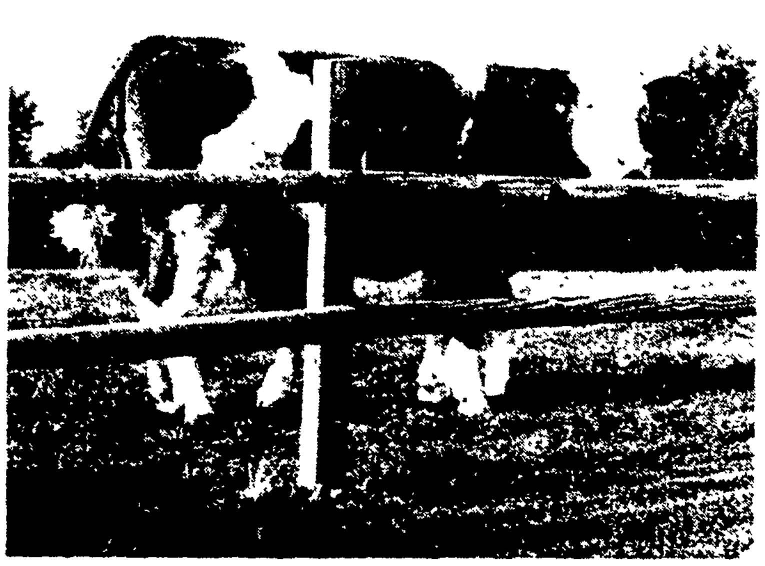
Lori Cash stands in the doorway of the only barn on the farm. This 24 x 48 foot wooden structure includes two box stalls and hay storage.

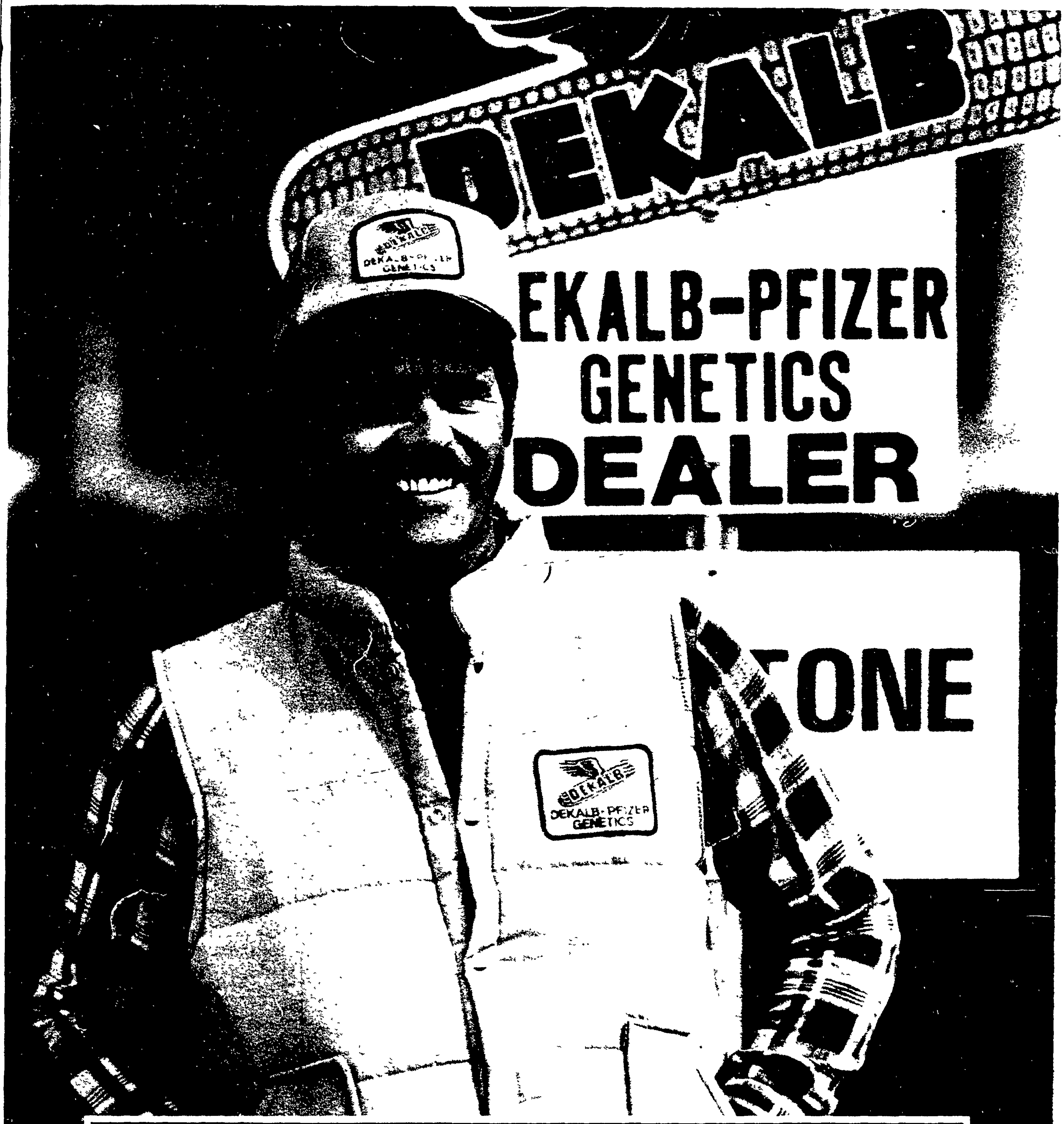
The patio of their home provides a relaxing spot to rest after a hard days work.

LIVESTOCK
LATEST

See Page D2

The Erskine Cash family has established a small, high quality beef cattle herd which includes two Simmental cows and 11 Angus cows.


A Simmental cow and her calf seem oblivious of all the activity and picture taking going on around them.



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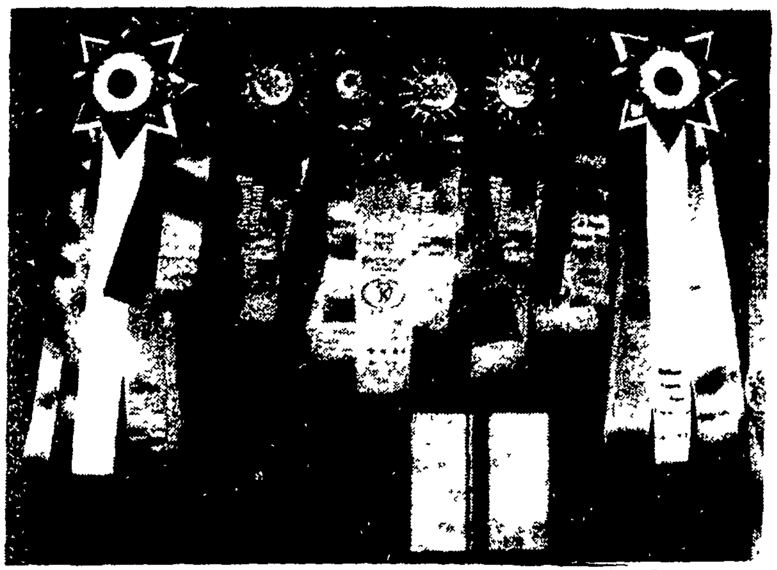

Displayed proudly over the doorway from the kitchen are some of the ribbons signifying the most important accomplishments for this year.

Cumberland County's Enck farm has house with tower

Minimum investment

(Continued from Page A22)

in these areas, thus there is no need to provide man-made shelter.

The Cash family has obviously used their knowledge and experience wisely in establishing a beef herd which can produce high quality cattle with the least possible outlay of capital. Yet, despite the fact that they are pleased with this chance to do something that has been a goal of theirs for a long time, they sometimes wish they had a half-day just to relax. But, there is always someting to be done if they wish to maintain the level of quality already achieved.

Where do they go from here? They will probably always have cattle around. "This is my golf and fishing',, says Erskine. One of their ultimate goals is to produce a "really good bull" or one that is nationally recognized for his performance. Erskine expects to have more time to spend at home this year as he will not be on the road with the Penn State Livestock Judging Team, as he has been for the past several years. He recently turned this responsibility over to a graduate student.

However, the long-range plans "depend on the kids". Erskine has worked with young people enough to know that he wanted his children to have the opportunity to do the things necessary to get a realistic picture of agriculture that many kids do not have.

What influence has that had on his family? Chad is the closest to making a career decision. He plans to study agriculture in college, possibly majoring in animal science. But, he quickly qualifies that, "I do not want a sit down desk job when I graduate."

Chad and Lori have learned to make management decisions throughout their cattle raising experiences. They were each given one heifer and from that point on they were each responsible for decisions about that heifer. Chad admits that once in a while they have heard "are you sure you want to do that" from their parents. They are even given independence when it comes to picking out cattle they want to buy, despite the fact that their father is involved in livestock judging.

Lori said, "He helps us narrow it down to a few and then it is our decision." However, both Lori and Chad have also won several livestock judging contests themselves.

The money they have made on their various 4-H projects has been put toward a college education and Chad is "looking forward to" putting himself through college.

A very busy family indeed. It takes a lot of hard work and wise management to make a success of a small beef cattle herd, and it has been done in a way that is not so common, without big equipment or buildings.

Hard work...perhaps. It all depends on how you look at it. As Willie says, one of the philosophies of life for this family that makes the whole thing jell is "to enjoy the things you do rather than have to 'work' at them."

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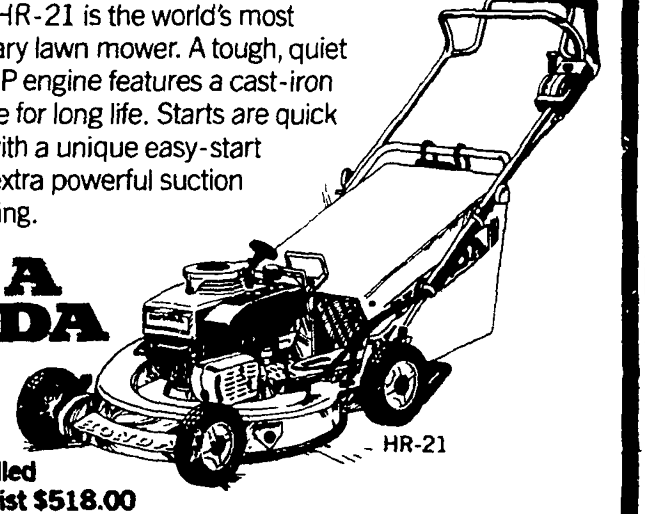

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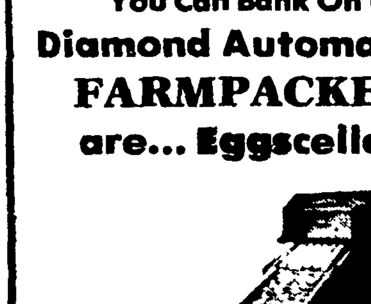

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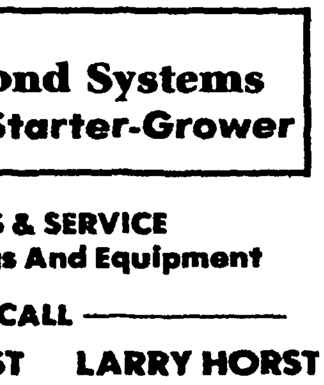

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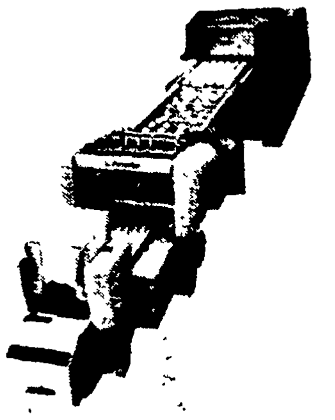

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Waterways, terraces, methane in Berks tour

Artificial nests are used in the Middle Creek area to protect the waterfowl from predators. Mixed hay is used and they are positioned against the wind to keep any smells from traveling to the predators.

BY ROBIN PHILLIPS
Staff Correspondent

LEESPORT — Berks County conservation practices were in the spotlight on Tuesday for area farmers as the county conservation offices sponsored their annual tour to participating farms.

Sponsored jointly by the Berks County Conservation District, the Agricultural Stabilization and Conservation Service, the Soil Conservation Service, and the Extension Service, the tour included education on sod waterways, cropland terraces, strip farming, manure management, manure to methane to electricity, and waterfowl management. The tour included stops in Berks, Chester, and Lancaster Counties.

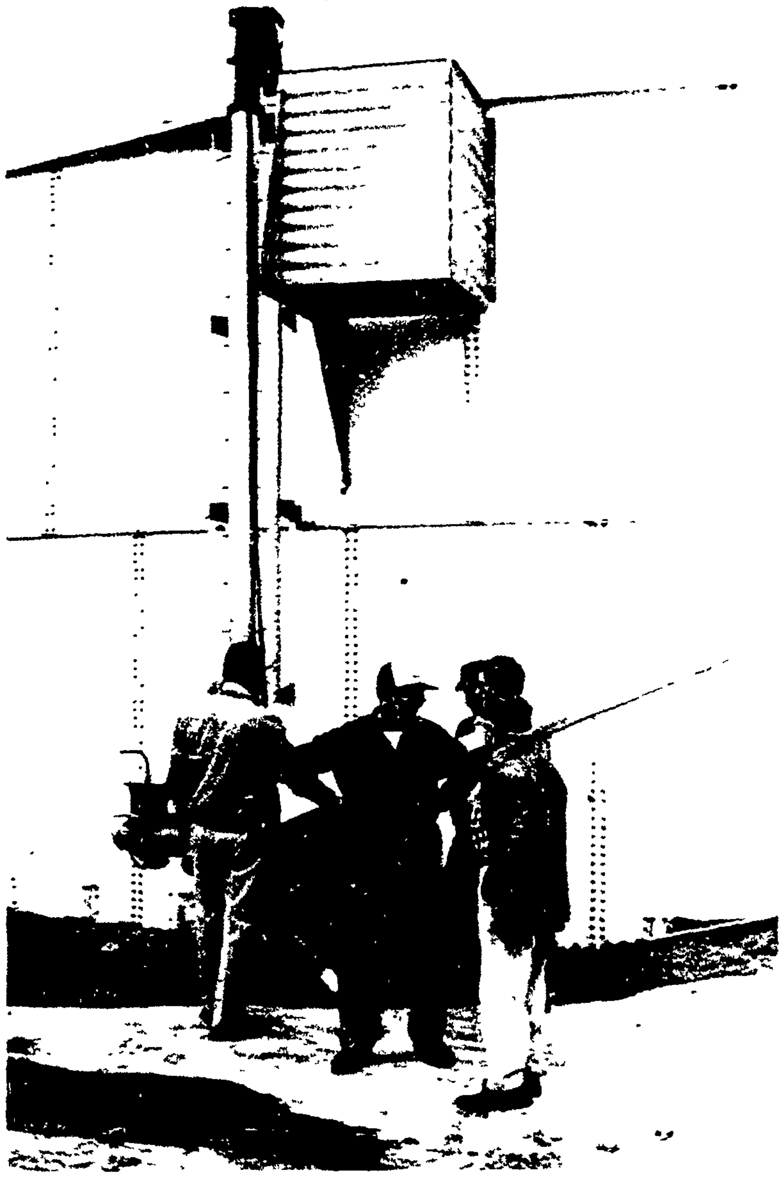
Sod waterways were reviewed on the adjoining farms of Wilmer Kraybill and Marvin and Gary Stoltzfus, Elverson. Kraybill's farm, named Conservation Farm of 1983, received much of the runoff water of the Stoltzfus farm.

"How do you deal with that?" Kraybill asked when he explained the "unhandiness" of the gullies in the fields and of having to fill them in over and over again. By going to the conservation service for help, these two farms were able to control their water problems.

"The Extension people said. 'Let's talk to Marvin, see if we can work together on this,'' Kraybill explained.

The result was a 30-foot-wide with an 18-inch dip sod waterway beginning on the rolling hills of the Stoltzfus land. The waterway connects into one on the Kraybill property and directs the flow into a pasture on Kraybill's land where it

(Turn to Page A28)



Marvin Stoltzfus discusses the advantages of his system in front of the large Liqui Stor tank.

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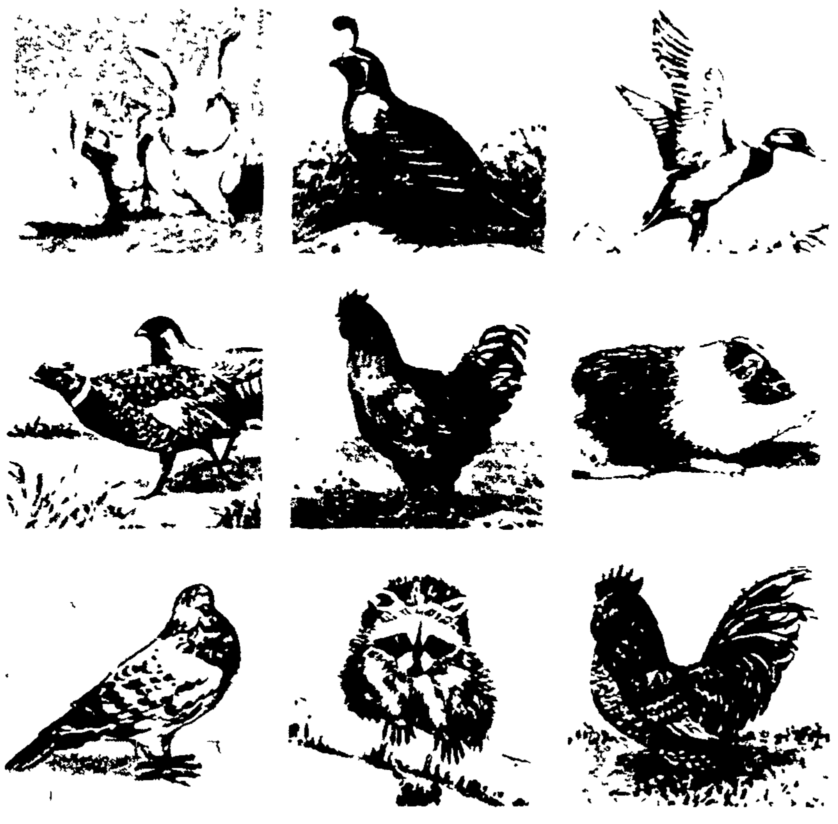

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Logan Spring Farm - 32 years of Angus Cattle

BY LAURA ENGLAND

BELLWOOD — A multitude of history surrounds the Blair County homestead of Logan Spring Farm, located in Bellwood.

To begin with, the farm takes its name from the 500 gallon-a-minute spring where Indian Chief Logan once had his lodge. The site was also used by the early militia as a mustering place.

Then, in 1921, Mary and Gilbert Watts bought the farm and opened a roadside market and garden center. This they operated for 50 years, along side the purebred Angus enterprise established in 1951.

Today, Mary and Gilbert Watts, both 86, are still operating Logan Spring Farm and are raising a 56-head Angus herd that is well-known across the state. The couple has also put their time and energy into raising Christmas trees.

A fulfilling 62-year farming history now stands behind Logan Spring Farm with the Watts in charge. Of the 62 years, 32 years have been spent in developing a high quality Angus herd, a fact that was recongnized by the Pennsylvania Angus Association this year.

The association presented the Watts a Historic Angus Award which recognizes their involvement in the purebred Angus business.

Logan Spring Farm began its cattle venture in 1948 with 40 specially selected commercial cattle. At that time, Watts, a 1918 horticulture graduate of Penn State, was operating the vegetable farm and saw a need to utilize the empty barns. Raising commercial cattle seemed a logical choice.

Three years later, the "bug" hit, and Watts developed a preference for purebred Angus cattle. Five registered calves were purchased from the Clyde Bonar herd, Burlington, W. Va. A second purchase came in 1953 with eight females and one bull from South Dakota. A third purchase of 11 heifers in 1955 added to the ruggedness of Logan Spring Angus.

A major factor in selecting the first five calves was the size and condition they reached without creep feeding, a management tactic Watts still uses today.

"I don't creep feed," he explains. "I want to see what the animals can reveal on their own in the pasture."

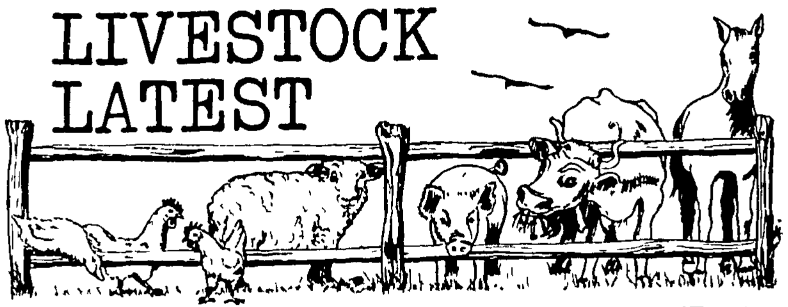
With this management tool, Watts says you can determine the milking-mothering ability in the cows and good doing ability in the calves. He adds that Angus cows are great mothers and won't let their calves out of sight when first born.

Currently, the older cattle are kept on pasture with their young, bull calves. Hay is fed to the 18 cow-calf pairs daily to add roughage to their diet. In addition, the hay feeding allows time to count cows and calves alike to make sure all are there, Watts adds.

The cow-heifer pairs are pastured separately from the cow-bull pairs. Heifers are separated at about six months of age, and the bulls will be separated from their mothers around Thanksgiving, if

(Turn to Page A35)

From this picture window, Mary and Gilbert Watts can enjoy a scenic view of their 250-acre Logan Spring Farm. Established in 1921 as a vegetable and garden center, Logan Spring now houses a purebred Angus herd and a Christmas tree sales area.



See Page D2

Travelers through Blair County can see the Logan Spring farmhouse along Route 220. Gilbert Watts, himself, laid many of the stones for the house which once served as a processing and sales headquarters for the vegetable operation.

A good disposition and temperament are traits Gilbert Watts likes to breed into his Angus cattle.

Logan Spring Farm got its name from the 500 gallon-a-minute spring where the Indian Chief Logan once had his lodge. Here, Gilbert Watts takes time to feed the many trout now living in the spring.

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Waterways, terraces

(Continued from Page A25)

"floods itself out." Citing alot of flooded out cropland in past years.

Marvin Stoltzfus said that when they first came to him with this problem he said, "Boy, this is good for both of us." "The water's more controlled now, he added. Roy Shryock of the USDA Soil Conservation Service, pointed out what can be accomplished between two neighboring farms without any disention."

"By working together with this sodway, we're really pleased that the water can be controlled when we have extra water," stated Kraybill. Kraybill has another sod waterway on his property to eliminate the erosion in a lane going up to his fields. The sodway was built next to the land with the lane being on the high point.

Kraybill farms with his son, Mark, on 240 acres with 50 cows. The Kraybill's Penn Lite Farm, was named Conservation Farm of the year for 1983 and in addition to the sod waterways, they practice strip farming, and have installed diversion terraces.

"A spring on the farm is worth a million dollars," Kraybill stated as he explained that since the water has been diverted, the spring aside of the farmhouse no longer gets cloudy on rainy days. Kraybill participated in the cost sharing programs for these practices and stated that the only problem that occurred was when they discovered one of the pipelines on his land only had a 27 inch cover. After some hesitation from the pipeline company, the conservation service did convince them to lower the pipeline and the erosion was then controlled.

On the 100-cow farm of Marvin Stoltzfus and his son, Gary, the first Butler Liqui Stor System to be installed in Pennsylvania was viewed. The Liqui Stor system holds a six-month supply of manure and waste water for Stoltzfus and has been in use since May of this year. At a cost well into the five-figure range, Stoltzfus stated that it is so much better than their previous pole and plank structure.

"It was so messy, you just couldn't hardly handle it," Stoltzfus explained. Now they can pump 3,000 gallons a minute and plan to inject it into the soil and chisel it in. The structure handles all their parlor wastes and has no "messy problems" about it. The Dependable Motor Company who sold the system will be holding a field day on the farm on Nov. 1 when injection techniques and chiseling can be observed.

George Rohrer, Soil Conservationist with the Lancaster office, met with the tour to explain the Rural Clean Water Program. "We have people trying to make their living on 30 acres here, so they have to use it intensively," Rohrer stated. Cropland terraces were pointed out in addition to diversions and contour strips. The RCWP is aimed at cleaning up the sediment in the streams. With the high animal densities in Lancaster County, much of this is a management problem and the RCWP seeks cooperating farms to keep runoff problems from further polluting the Conestoga Creek.

Mercedes Seamen, from the Soil Conservation Service, stated: You're not really losing any ground, but yet you're controlling the water," when explaining the ready acceptance of cropland terraces by farmers. With cropland terraces a whole field can be planted in one grain without any erosion. Although they are more expensive to install than strip farming, it enables the farmer to use all of a field for one crop when he does not need the hay crop in his operation.

The tour also viewed the operation of Oregon Dairy Farm and their manure to methane to electricity setup. Owner, George Hurst stated that this type of operation would not be feasible for the dairy of 200 cows or less, and added that with their 290 cows they are using all they can generate now. Explaining that the initial cost is too high for a smaller operation, Hurst said, "We're looking at about an 8 to 10-year payback."

They produce all the electric for the farm. During peak periods, electric is supplied by PP&L, during slack periods, power is sold to PP&L. "We still get an electric bill, but we also get a check from our utility," Hurst stated.

An added bonus to the system, Hurst explained, is that they are currently heating the house with it too. Also, the separated solids are sold to a local compost company.

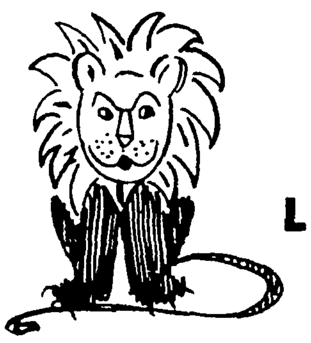
When asked if PP&L was good to work with, Hurst said, "There's no problems as long as you go by what they say." He also stated that they are just short of saving more than what the payments are on the equipment.

Farmers on the tour were concerned about the value of the manure after going through the digester. Hurst explained, "When you take the solids out, you're not taking any of the good stuff out, you just have less." Manure is pumped underground from the freestall area to the digester building. It is separated there and the liquids are pumped into a lagoon to be taken to the fields. Before Oregon Dairy had installed this system, they utilized a lagoon and evaporation pond. Hurst seems well satisfied with his setup and states that the only thing he would change would be to make the hospital area in the barn larger.

From Oregon Farms, the tour concluded at the Middle Creek Waterfowl Management Area for a view of the 5000-acre habitat and a slide presentation on management practices to protect the areas waterfowl.

Oregon Farm boasts a 24-stall parlor with either two or three milking at a time.

Wilmer Kraybill points out his sod waterways to visitors.



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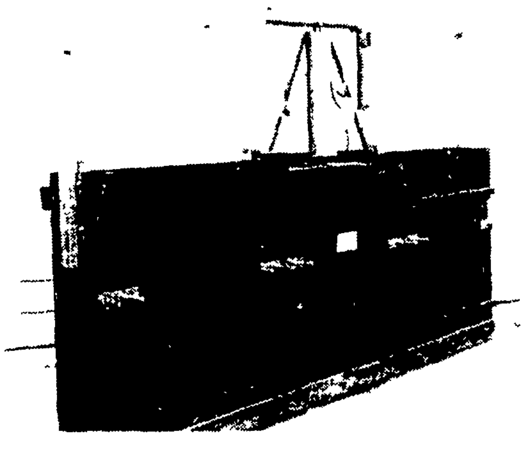

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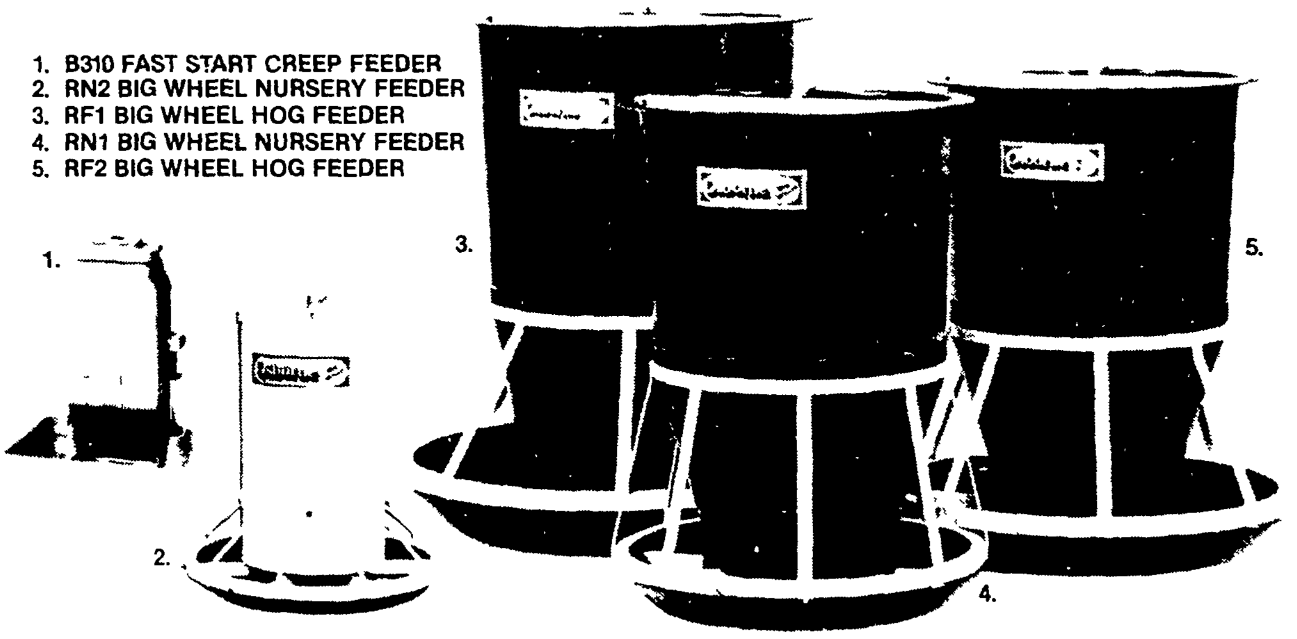

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Margaret Herr's 110-pound champion market lamb brought a record $2.45 per pound at the Lancaster County FFA Market Lamb Sale. Marxs Bros. of Shrewsburg, N.J., represented by Ezra Good, left, bought the champion.

Reserve champion of the Lancaster County FFA Market Lamb Show, owned by Heidi Fisher, was purchased by Willie Kreider, Stauffers of Kissel Hill, for $1.60 per pound.

Record price set at FFA lamb sale

BY LAURA ENGLAND

NEW HOLLAND — A record price of $2.45 per pound was set Thursday afternoon at the Lancaster County FFA Market Lamb Sale held at the New Holland Sales Stable

The record price, which topped the previous mark of $2 30 by 15 cents, went to the 110-pound grand champion owned by Margaret Herr, Narvon The purebred Suffolk was purchased by the Marxs Bros , Shrewsburg, N J

A daughter of Robert and Betty Herr, owners of Nix Besser Farm, 16-year-old Margaret is a junior at Garden Spot High School She began her FFA career as a member of the seventh and eighth grade agriculture club and joined the Grassland Chapter in ninth grade

Margaret has done well in the showring and won the championship title last year Following the footsteps of older brothers and sisters, Margaret said showing sheep came naturally

The 120-pound reserve champion, owned by Heidi Fisher, East Earl, was purchased by Willie the butcher" Kreider, Stauffers of Kissel Hill, for $1 60 per pound

A daughter of Bill and Dee Fisher, 13-year-old Heidi is a member of the seventh and eighth grade Ag Club at Garden Spot Heidi and her Suffolk lamb, which was raised as a junior agriculture project, recently earned top honors at the Ephrata Fair Show

Heidi said she was really surprised by her win and is looking forward to showing again next year

Twenty-three lambs were sold for an average of $1 01 per pound The prices were the best they have ever been, Mr. Herr said, and all lambs sold for 90 cents per pound and above

The market lamb show was held Wednesday night at Garden Spot High School and featured two classes - those competing for county awards and those vying for a spot at the State Farm Show Chet Hughes, Lancaster County livestock specialist, judged the 38 entries.

Winning champion honors in the State Farm Show qualifying contest was Margaret Herr Reserve honors went to Darryl Bollinger, Lititz.

The top nine entries in the qualifying show will compete at Harrisburg. The other winners, third to ninth place, respectively, were Lori Martin, Mike Garman, Linda Good, Kevin Bollinger, Brian Hurst, Kevin Martin and John Spangler

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Leidy's Greenhouse welcomes the fall harvest with old-fashioned horticulture flair

BY LAURA ENGLAND

WILLIAMSBURG — Chicken corn soup, apple fritters and apple butter were cooking away in large, copper kettles while an antique steam engine was blowing its smoke in anticipation of another hayride run.

Gallons of fresh cider were pouring out of an old fashioned press, and open pit roast beef sandwiches and other goodies were being prepared for the afternoon crowd.

The occasion was the annual Horticulture Show and Fall Harvest celebration at Leidy's Greenhouse, designed to bring together old-fashioned farm attractions as well as featuring the bedding plant and foliage operation.

Located along Route 866 south of Williamsburg, Blair County, Leidy's Greenhouse has sponsored a fall celebration for four years. According to co-owner Bill Leidy, the event is "a unique way of promoting our farm products and thanking our many customers and neighbors."

When the event began, it was called the Fall Harvest celebration. This year, the name was changed to include Horticulture Show because it better related to customers, Leidy said.

With the horticulture theme, the Leidy's Greenhouse staff shared their 20 years of knowledge with customers. Throughout the greenhouses, posters relayed information on such areas as making violets bloom, wintering roses, selecting the best plants for low light and how to flower spring bulbs in the winter.

Customers could also get information on plant problems and gather ideas on growing old and new plant varieties. A special display featured Bonsai, a new plant department at the greenhouse.

Other displays featured such old-time favorites as mums, begonias, African violets, gloxinias, and succulents and cacti for which Leidy's is well-known in Central Pennsylvania.

Outside the greenhouses, visitors could sample the many homemade foods or go on a hayride pulled by a 20-ton steam engine. An old cider press, which the Leidys restored five years ago, was in operation and provided fresh cider. For those not familiar with country life, farm animals were in a nearby pasture.

The fall harvest event allows the Leidys to share their Pennsylvania Dutch background, Leidy said. This they do through the old-fashioned farm attractions and by supplying Dutch-style straw hats to the hay wagon riders.

Leidy's Greenhouse, owned by brothers Bill and Ron Leidy, was established 20 years ago on a 185-acre family farm. Starting from scratch, the operation now houses 21 greenhouses primarily for bedding and foliage plants.

In addition to the Fall Harvest show, Leidy's also hosts a spring pansy show, a summer begonia show, and the year comes to an end with a poinsettia show.

A future project for Leidy's Greenhouse is the opening of a plant outlet along Route 36 near Roaring Spring. With plans to open the market around Thanksgiving, Bill Leidy said pumpkins, Indian corn and other farm products will be sold.

Bob Frye, R2 Williamsburg, and his son, 12-year-old Jeffrey, man the cider press, getting about a gallon of cider per bushel of apples.

Ron Leidy, co-owner of Leidy's Greenhouse, cooks a batch of chicken corn soup in a large, copper kettle over an open fire.

What's a fall harvest celebration without good 'ole, down-on-the-farm food? Visitors to Leidy's Horticulture Show and Fall Harvest had their choice between chicken corn soup, Black Angus open pit roast beef sandwiches, fresh cider, apple fritters and lots of other goodies.

Located one and a half miles south of Williamsburg on Route 866, Leidy's Greenhouse features a variety of plants and flowers. Popular this time of year are the begonias, left, and many-colored mums, right.

Attractive displays are in abundance inside the greenhouse sales area. Here, plant pots have been turned up-side down and arranged in pyramid-fashion. To complete the display, colorful gloxinias were placed on top.

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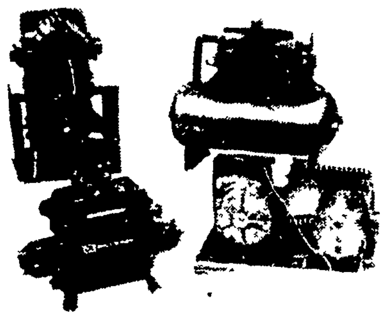

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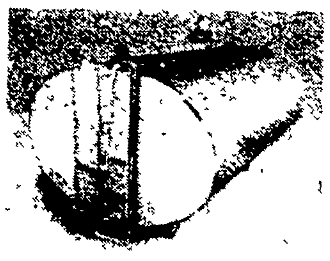

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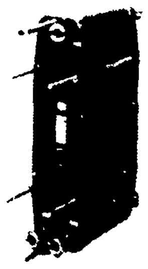

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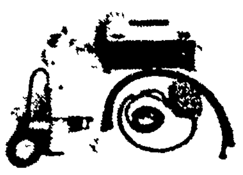

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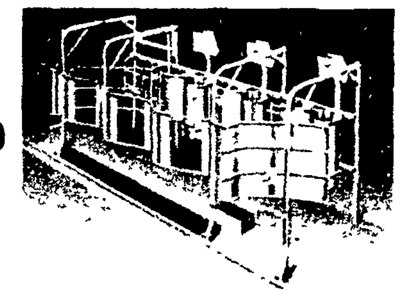

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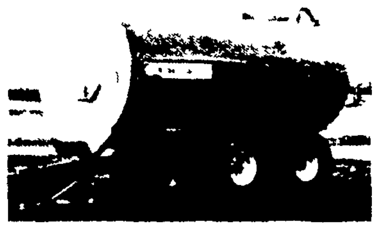

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Ground Water Fact Sheet

PREPARED BY THE
PA ENVIRONMENTAL RESEARCH FOUNDATION

PHILADELPHIA — Water, the earth's natural resource most needed to sustain life is also the natural resource most often taken for granted. When you turn on the tap, water comes out. We use water for drinking, sanitation, bathing, irrigation, production, transportation, and recreation. Where does this water come from? Do we have sufficient supplies and is the quality of our supplies adequate?

Approximately 97% of the world's water is in the oceans. Of the remaining percentage, all but about 0.3% is in the form of ice caps and glaciers which basically cannot be tapped because of cost and location factors. Our remaining water resources are fresh surface water and ground water, much of which are virtually unusable because of economic, quality, and geographic considerations.

Ground water is precipitation that collects and is stored beneath the ground in permeable or porous material such as sand, gravel, volcanic rock, or fractured metamorphic and sedimentary rock. The ground water that is stored in these "aguifers" surfaces in springs and wells. In fact, almost 30% of this country's streamflow is supplied by ground water. Ground water supplies, estimated at between 33 and 100 quadrillion gallons, comprise about 97% of all the freshwater in the United States.

Ground water serves many purposes; for irrigation, industrial processes, and for urban and rural drinking water. In 1975, about 30 trillion gallons of ground water were used; approximately 69% for irrigation, 14% for industrial processes, 13% for urban drinking water, and 5% for rural drinking water. Basically half of all this country's drinking water is from ground water supplies. EPA, Region III Del, Pa, Md., Va, DC., W.Va estimates that 80% of the region's water supplies depend on ground water.

Are our supplies adequate to meet the nation's demands? Between 1950 and 1975 our use of ground water increased by over 140%. In 1900 about 40 billion gallons of water were used per day and in 1974, 380 billion gallons of water per day.

The United Nations has projected that by the year, 2000 almost half of the United States and most of U.S.S.R., Europe, India and Mexico, among others, will be short of water.

Besides increased demand, other factors influence our usuable ground water supplies. One of these is contamination. Ground water contamination occurs for several reasons; the soil and rock strata cannot filter all of the introduced chemicals, plants and microorganisms cannot break down most chlorinated hydrocarbons, and, once saturation is reached, no more cleansing occurs.

Sources of ground water pollution include industrial and municipal residuals, agricultural practices, on-lot waste disposal, salt water intrusion, and (particularly in Pennsylvania) coal mining activities, acid mine drainage, and oil and gas storage, transmission, and exploration.

Every state in the country has reported instances of ground water contamination. The four most commonly reported polluntants are chlorides, nitrates, heavy metals, and hydrocarbons. Between 1945 and 1980, more than 31 thousand cases of illness were caused by pathogenic organisms such as viruses and bacteria which contaminated the ground water. According to EPA, Region III statistics, since 1975, 54 of the 89 reported ground water contamination incidents occurred in Pennsylvania with 25 of those incidents in Bucks and Montgomery counties.

The very nature of ground water itself compounds the problem. Ground water moves very slowly - perhaps a few tens of feet per year. Because of this slow movement, ground water contamination is often very localized, and it may take many years before ground water pollution is detected. In addition, scientists agree that ground water monitoring and our ground water data base are so inadequate that it is very difficult to predict how much of the nation's supplies are contaminated. The Academy of Natural Sciences recently estimated that less than 2% of ground water is contaminated.

Emphasis on ground water protection is placed on prevention rather than correction because correction is both costly and difficult. Many State and federal laws and regulations address ground water pollution but they do not comprise a comprehensive program. Among the laws that address ground water are the Clean Water Act, the Safe Drinking Water Act, and the Resource Conservation and Recovery Act.

The purpose of the federal Clean Water Act, amended in 1977, is to "restore and maintain the chemical, physical, and biological intergrity of the Nations waters." The Clean Water Act provided that EPA establish and surface and ground water surveillance system. The Act required each state to establish planning areas which would develop pollution control plans for surface water and ground water. In addition, each state was required to establish ground water quality standards.

In 1973, under the authority of the Clean Water Act, Pennsylvania amended the Clean Streams Law to give the Department of Environmental Resources regulatory powers over ground water. The federal Clean Water Act is currently up for reauthorization.

As part of the federal Safe Drinking Water Act of 1974, Congress established the Underground Injection Control Program (UIC) The purpose of the UIC program is to prevent ground water contamination by waste injection wells and to protect sole-source drinking water aquifers.

The federal Resource Conservation and Recovery Act (RCRA), passed in 1976, also addresses ground water pollution. The purpose of RCRA is to regulate hazardous waste from "craddle to grave" and to insure that ground water supplies are not contaminated through inproper waste disposal methods. Funds are also available for the clean-up of ground water pollution if it poses an eminent hazard through the Superfund.

If is apparent that the laws addressing ground water contamination do so in a piecemeal rather than comprehensive manner. In 1980, the Environmental Protection Agency proposed a national ground water policy to protect ground water quality based on value and use. Since then, two special task forces were formed to develop an agency wide strategy.

The ground water policy is currently being revised by EPA.

Conestoga nitrates

(Continued from Page A1)

Churchtown has been limited to preliminary efforts. Wells and the stream have been sampled several times. Nitrate levels in wells have ranged up to 25 parts per million.

There are 35 farms located in this six-square-mile area and a concentrated effort is about to be launched to sign them up for the installation of better management practices.

On the 25-acre field to be studied, monitoring instrumentation will be the heaviest. The concentrated study will try to trace the actual movement of the nitrogen as it combines with rainwater to form nitrates and then into the groundwater or stream.

Surface water will be monitored and rainfall measured. Twelve wells have been drilled in the field. Soil water will be sampled and tested from 17 locations in the field.

Next fall, the field will be terraced and the before and after results will be compared to see how the installation of better ag management practices affects a specific field.

Preliminary findings of the nitrate levels thus far discovered in the Upper Conestoga indicate they are five to 10 times higher than the average for the entire Susquehanna River Basin, which includes a lot of forest land.

Thus far, 39 farms in Lancaster County and two in Berks County have been enrolled in the cost-sharing project to install better management practices.

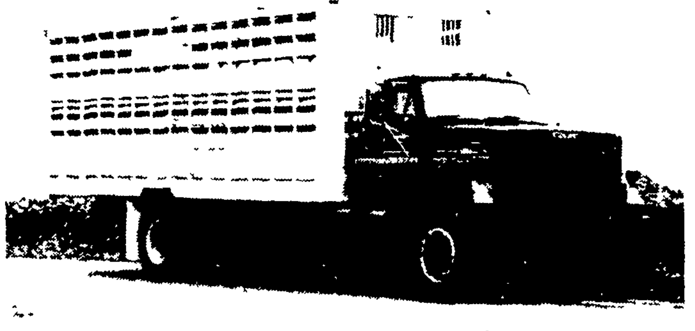
On the farms, a total of $460,000 in federal money has been committed. Some $1.4 million has been allocated by the Federal Government for the practices and another half-million dollars is being devoted to the monitoring.

This means that some 3,000 acres or 19 percent of the 16,000 acres in the critical area are under contract for improvements. But roughly one-third of the allocated money has been committed so the overall project could cost the Federal Government twice what was originally anticipated.

The signup of the 19 percent of the acreage has been done over more than two years since the project was launched in July, 1981.

Progress of signing up farmers has obviously been slowed by the ag economy and the dry summer, according to Ray Brubaker of the Lancaster ASCS Office, which is handling the enrolling of farmers.

Under the Federal Cost Sharing Project under the Rural Clean Water Program, farmers can qualify for up to 50 to 75 percent of the cost of installed practices up to a maximum of $50,000 per farm over the 10-year span of the program.



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INVOICE
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Berks honors Extension accomplishments

BY ROBIN PHILLIPS
Staff Correspondent

LEESPORT — The Berks County Extension Association applauded the success of its 4-H program and its dedicated staff and Board of Directors at its 69th annual meeting Monday evening at the 4-H Community Center.

"This year has seen the blossoming of the farm management segment of the program; three members of our staff have received well deserved promotions from Penn State; the 4-H Community Center was dedicated; and the first steps into the computer age were taken...We have a professional staff here which is second to none," stated Gail Malsbury, President of the Berks County Extension Association, in her message to all present. Malsbury officiated at the meeting and called for the reports from the many committees in each area of the extension work.

Duane Pysher, President of the 4-H Development Council stated, "We're very proud of some of the showings Berks County youth have made this year." My board members are truly committed to 4-H," he continued.

He cited the successful fund raising drive by the entire 4-H community for the 4-H Community Center this year. The goal was climaxed by a $170,000 grant from the JDB Foundation, Philadelphia, for the completion of the center. Pysher stated that in addition to looking forward to an animal building in the future, the grant enables the heat to be put in the complex, painting, and the completion of a two bedroom apartment for the caretaker, roofing, and a meeting room.

Harold Schuler was presented a certificate of appreciation from the Board of Directors of the Extension Association. This year he will be retiring from the board. Nominations were accepted for new board members and Sandra Christman, Henry Frecon, Daniel Levengood, Jr., and Dave Schuler were elected.

Standing ovations were given to Herbert A. Wetzel, County Extension Director, and Fay B. Strickler, Extension Home Economist for their service to the community.

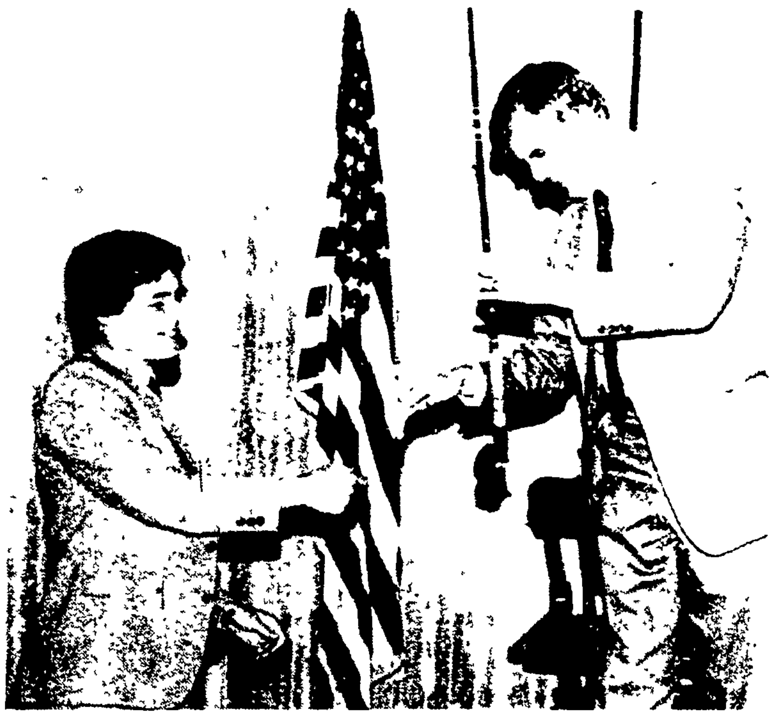
Wetzel was honored for 25 years of "dedicated, sincere service," of which 22 years were in Berks County. In receiving his "chair of Recognition" from Penn State, Wetzel thanked the board and the community for their cooperation and help. William Lesher, President of the 4-H County Council, presented Wetzel with a fishing rod and said that this was his "gold watch" for his service. "It's with a real sense of pride that I'm able to say thank you," Lesher concluded. "All of us are looking forward to another 25 years," Malsbury stated, explaining that this was not because Herb was retiring.

Fay Strickler, Extension Home Economist, was also honored by the Extension Association for her achieving the Distinguished Service Award for 1983. This award will be presented to her at the annual meeting of the National

(Turn to Page A34)

Gail Malsbury welcomes the new members to the board. They include Daniel Levengood, Jr., Sandra Christman, and Dave Schuler.

Harold Schuler received a certificate of appreciation from Gail Malsbury on his retiring from the Board of Directors.



Gail Malsbury presented Herb Wetzel the "Chair of Recognition" for his 25 years of "dedicated" service. Wetzel was also presented a fishing rod by William Lesher.

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Berks Extension

(Continued from Page A33)

Association of Home Economists at the National Convention later this year. "It's a real honor for me to do this," stated Phoebe Bitler as she presented Fay with a gift from the Berks County Association.

The program for the evening reviewed the county 4-H programs with presentations for Nannette Coryell on the 4-H camping program, Mark Price from the 4-H poultry club, and Kirk Fisher from the Beef Club. Berks County Dairy Princess, Connie Ohlinger was also on hand to present her comparisons on milk and the "other' beverages.

The evening marked the many accomplishments of the extension association and its boards. In her message to the community, Gail Malsbury concluded, "We look forward to even greater success in 1984."

Fay Strickler was presented a gift by Phoebe Bitler in honor of her receiving the national distinguished service award.

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Logan Spring

(Continued from Page A26)

the weather doesn't get too severe before then, Watts explains.

During the winter, the heifers will be fed corn silage, good alfalfa hay twice daily, corn silage on an ad lib basis, and about three pounds of grain per day per cow. The bulls will receive a similar ration, but will not get over 10 pounds of grain per animal per day, Watts says.

"I don't push for finish," he says. "I like the bulls to develop a hard muscled finish."

Most of the income comes from the breeding stock, Watts says. Some bulls were sold this spring while dam-daughter pairs were sold this summer. In addition, 11 steers are being raised for market this fall.

Management priorities Watts stresses on his 250-acre farm go to the comfort and well-being of his herd. Open front barns and sheds, built with lumber from the farm, are bedded with sawdust and straw and allow free choice housing during the winter except when winter calves are due.

When calving time approaches, the cows are moved to an enclosed barn where they can give birth away from the winter weather, Watts explains. From the barn, weather permitting, the cow-calf pairs are moved to their appropriate pastures.

Breeding for a medium-sized animal is another priority. The mature cattle at Logan Spring Farm average between 1100 to 1250 pounds. The cattle are bred primarily for production, Watts says.

Artificial insemination is used on about the top ten cows each year. Sires used have been Shearbrook Shoshone, P S Power Play, Bandolier Eston Durness 42B and Jetliner 707 of Conanga. The remaining herd is bred by the top herd bulls in natural service on three pasture areas.

By doing this, both artificial and natural service, Watts says he can hold onto maternal bloodlines and still bring in good, outside blood.

Health and record-keeping are also important on Logan Spring Farm. The herd is tested annually and is officially certified tuberculosis and brucellosis free. Watts explains that no outside cattle have entered the herd in years.

Mary and Gilbert Watts think of Logan Spring Farm as a family enterprise - beginning with its role as a roadside market when the couple both ran the field work and sales area to the present roles as Angus and Christmas tree farm.

Daughter Betty and her husband Robert Jacobus live on the farm and help run the operation Another important member of Logan Spring Farm is 67-year-old Shannon Hillard who's been with the farm for over 50 years.

With this farming heritage behind Logan Spring, along with the honors of Master Farmer in 1959, and both Cattleman of the Year and Pa. Livestock Association Man of the Year in 1977 that Watts has received, one can see why Logan Spring has earned its Historic Award - in more ways than one.

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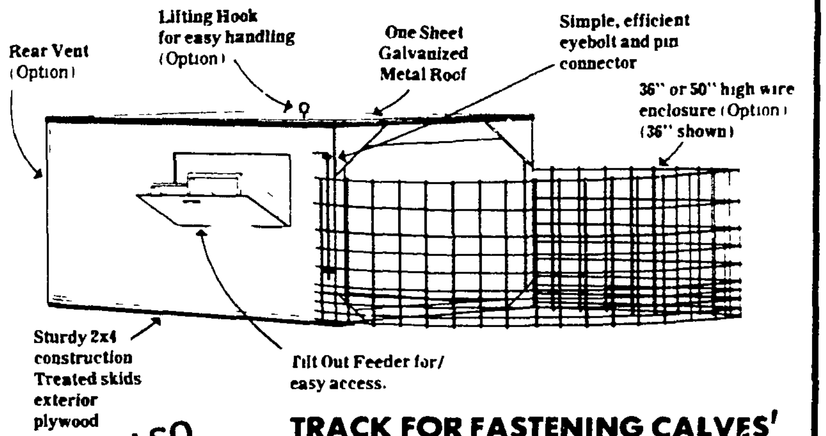
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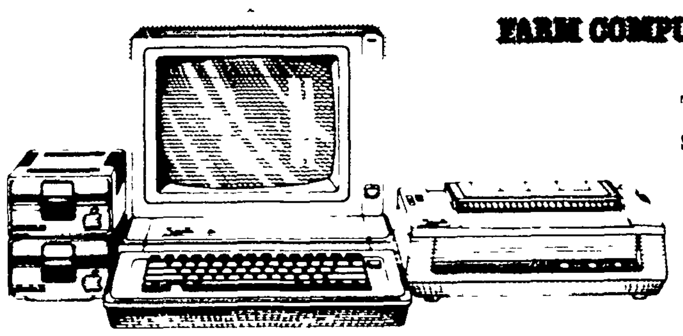

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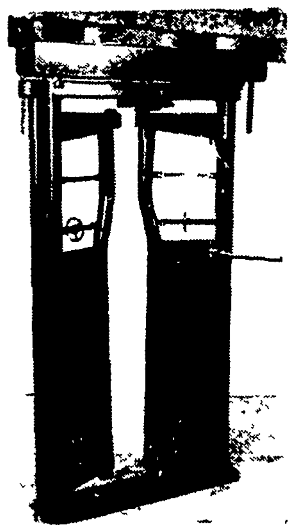

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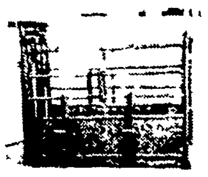

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Bradford - Sullivan Farmers Assn. backs dairy policies

BY JANE BRESEE

WYSOX — The Bradford-Sullivan County Farmers' Association held its 33rd annual dinner meeting at the Wysox Fire Hall, Oct. 10, with 75 members and friends present.

Members recommended a number of dairy policies to be introduced at the annual state meeting of the Pennsylvania Farmers Association in November. They were as follows:

That PFA push for review of the bankruptcy laws to protect producers of agricultural commodities;

That milk dealers be bonded for any amount of milk outstanding that the Pennsylvania Milk Security Fund does not cover;

That marketing order auditing procedures be improved in order to keep better track of the financial status of milk companies.

Members also recommended that the PFA support Senate Bill 1529 and House Bill 1875 which contain an incentive plan to reduce milk production - the same plan already supported by National Milk Producers and the milk cooperatives. They were still opposed to dairy farmers and co-ops paying into the Pennsylvania Milk Security Fund, except in the case where one co-op purchases milk from another.

On other issues, approval was given on the policy to exempt farmers from House Resolution 1236 which is known as the "Hazardous Waste" bill. They also strong opposed the storage of nuclear waste in Pennsylvania, and voted to recommend that alcoholic beverages not be sold to people under the age of 21.

President Carl Gore and Vice President Andy Dewing explained that resolutions by the association are an important way for members to become involved in formulating policy which could, at a later date, become law through lobbying efforts of the PFA and the American Farm Bureau.

New directors elected to the board for a two-year term were: Rodney Babcock; Harold Moyer, Betty Gerould, Walter Newton III; James Warburton, and Duane Wilcox.

Special guests were Bradford County Dairy Princess Anita Wrisley, and the two young people, Dawn Bacon, and Shawn Abma, who were representatives of the Bradford-Sullivan Women's Committee to the PFA Youth Conference held at Bucknell University this past summer. Each spoke briefly about his activities.

Mr. and Mrs. Harold Moyer of Orwell were also recognized. They gave a report of the PFA Young Farm Couple meeting at State College and stated that they were selected to be among the leaders at that conference next year.

Reports were given by Fred Tiffany, PFA state board member from District 5, and his wife, Jean, a member of the state Women's Committee.

Regional Organization Director, David Eyster gave several "Star" awards in recognition of outstanding work during the years. Receiving stars were: Andy Dewing, Charles Elliot, Jane and Bruce Bresee, Barbara Warburton, Milford Kinsman, Robert Thompson, Art Gover, Robert Yonkin, Christine Shaffer, Dottie Abma and Carl Gore.

Special guests at the 33rd annual meeting of the Bradford-Sullivan County Farmers' Association were Mr. and Mrs. Harold Moyer of Orwell, Bradford County representatives to the Young Farm Couple PFA conference held in State College earlier in the year. Carl Gore, right, is president of the 910 farm family member Bradford-Sullivan Assoc. affiliated with the PFA and American Farm Bureau.

MILK MARKET NEWS

DAIRY FARMERS WILL RECEIVE $13.75 FOR SEPTEMBER MILK

New York — Dairy farmers who supplied milk plants regulated under the New York-New Jersey marketing orders during September will be paid on the basis of a uniform price of $13.75 per hundredweight (29.6 cents per quart), according to Market Administrator Thomas A. Wilson. Wilson also stated that the price was $13.59 in August 1983 and $13.74 in September 1982. The uniform price is a marketwide weighted average of the value of farm milk used for fluid and manufactured dairy products.

The seasonal incentive fund returned a total of $4,058,002.20, or $.441 per hundredweight, to the dairy farmers' uniform price for September. This fund was generated by reducing the uniform price to producers during the high-production spring months.

A total of 17,375 dairy farmers supplied the New York-New Jersey Milk Marketing Area with 919,951,270 pounds of milk during September 1983. This was an increase of 6.1 percent (about 53 million pounds) from last year. The gross value to dairy farmers for milk deliveries was $127,379,260.08. This included differentials required to be paid to dairy farmers but not voluntary premiums or deductions authorized by the farmer.

Regulated milk dealers (handlers) used 382,473,955 pounds of milk for Class I, 41.6 percent of the total. This milk is used for fluid milk products such as homogenized, flavored, low test and skim milks. For September 1983, handlers paid $14.75 per hundredweight (31.7 cents per quart) for Class I milk compared with $14.67 a year ago.

The balance, 58.4 percent, was used to manufacture Class II products including butter, cheese, ice cream and yogurt. Handlers paid $12.54 for this milk.

The uniform price is based on milk containing 3.5 percent butterfat. For September 1983, a differential of 17.4 cents was applied to the price for each one-tenth of one percent that the milk tested above or below the 3.5 percent standard.

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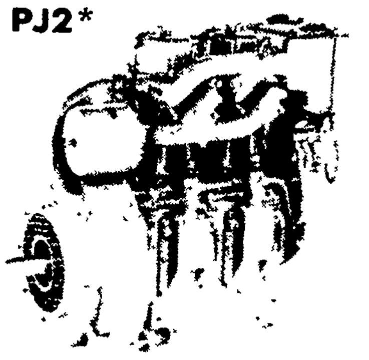

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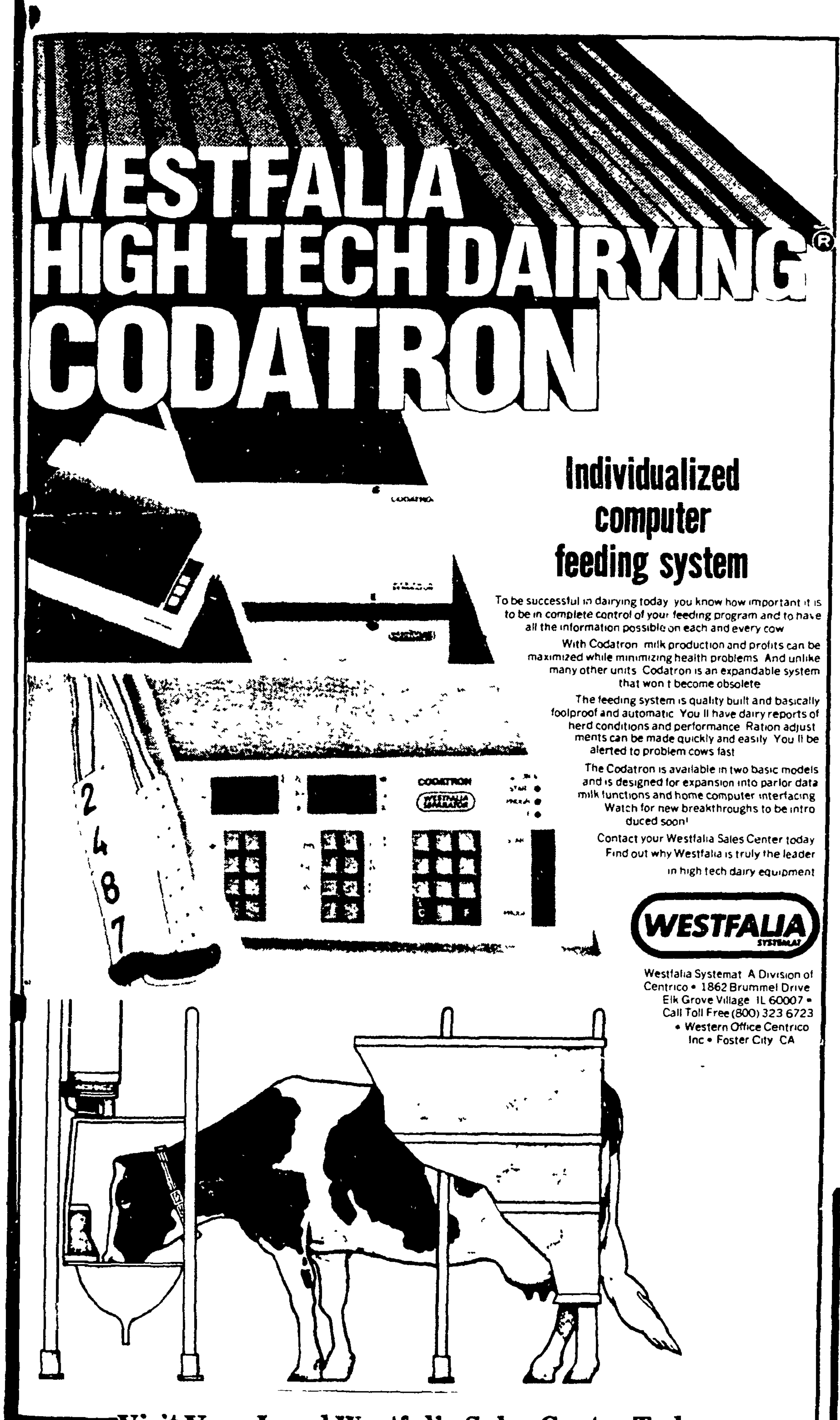

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Waterways

BY TRISH WILLIAMS

LANCASTER — Water is one of most precious natural resources. It is the giver of life, a refresher, and purifier. But once water is contaminated it can endanger life

As our population grows, greater demands are being put on our water supply. Protecting the purity of that supply is becoming increasingly difficult.

Everyone relies on water, especially farmers to grow crops and livestock, and for sanitation Farmland provides a great source for recharge of ground water and surface waters. Conservation and cultural methods practiced by farmers greatly affect the quality of water our society uses daily. Farmers are not only stewards of the land, they are largely responsible for the quality of water that runs over their fields to streams and rivers and which filters through the fields to ground water aquifers.

While our entire society benefits from the recharge area farmland provides for our water supplies, citizen action groups and government agencies are more closely monitoring the quality of water as affected by farming practices.

The Environmental Protection Agency (EPA), U.S. Geological Survey (USGS), and Soil Conservation Service (SCS) are just some of the agencies that are becoming more involved in water quality monitoring Studies conducted by these agencies on the Chesapeake Bay and it's largest watershed, the Susquehanna River Basin, are studying the impact farming in the region has on water quality

Preliminary findings from these studies point to a "nutrient loading" problem in the Bay Literally thousands of dollars of nutrients are being washed out of the fields of Pennsylvania farmers into streams that feed the Bay

The nutrient leaching problem is also hitting the farmer close to home, not just in the wallet Ground water studies of the Upper Conestoga watershed, have found high levels of nitrates in ground waters that supply rural families and farms. These high nitrate levels pose a real health threat Ground water moves much slower than surface water, thus it takes longer to detect a source of contamination It is also much more complicated and costly to treat ground water.

As a result of these findings EPA, SCS, and other government agencies are planning educational programs on protecting water quality that is directed at farmers These groups are also proposing regulations that would restrict certain farming practices that are felt to be deleterious to water quality.

Lancaster Farming has joined forces with Pennsylvania Farmer and Pennsylvania Farmers Association to act as a sounding board on water quality issues We plan to provide our readership with the latest findings of these studies, and with recommended conservation practices that will improve the quality of water in our streams, domestic wells and aquifers, while retaining those valuable nutrients where they belong in the root zone of agronomic crops.

We encourage farmers to get involved in water quality and water quantity issues, and welcome the views of the farming community on this subject.

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Water testing

UNIVERSITY PARK — Owners of private water supplies, such as wells, springs, and streams, who want to have their water tested would benefit by reading two recently published fact sheets on water testing.

The fact sheets are written by Penn State Water Specialist, Karen M. Mancl, and are available through the Penn State Extension Service.

In a fact sheet entitled "Water Testing" (SW-19) Mrs. Mancl points out, "The quality of the private water supply is the responsibility of the homeowner. State laws do not require testing of private domestic water supplies and regulatory agencies do not regularly monitor the quality of private supplies. Therefore, the only way a homeowner can be certain that the water is safe to drink is to have the water tested periodically.

"To protect both livestock and family members, the water supply should be tested to see if it meets state and federal bacterial and chemical standards."

To run a comprehensive water analysis can be very expensive, cautions Mrs. Mancl. The fact sheet explains what specific tests a homeowner should consider having performed on their water. Some of the more common problems are bacteria, nitrates, sulfates and total dissoved solids which might result from contamination by sewage, manure, gas drilling, and mining activity.

"Water Testing" also discusses frequency of testing and sampling procedure.

Another fact sheet, "Where To Have Your Water Tested" (SW-18), gives a list of laboratories in the state that test water as well as a key to what water testing services each laboratory performs.

A third fact sheet, "Nitrate Removal" addresses the complicated procedure of removing nitrate contaminates from water supplies.

Pigs go way back

The pig belongs to one of the oldest mammal families, with fossil remains dating back some 36 million years. Some historians believe it was the pig, not the dog or cat, that was first domesticated by humans, pointing to evidence of tamed pigs during the late Ice Age in Persia. The closest relatives of the pig today are the peccary and the hippopotamus.

Pig criminals

During the Middle Ages, a pig was arrested for eating meat on Friday and another was hanged for having consumed a consecrated wafer. In 13th century France, one pig was publicly burned for killing a child and another, dressed in man's clothing, was executed in a town square for the same offense. Two centuries later, when a sow was sentenced to be hanged. her six sucklings were found guilty as accomplices.

What pigs can do

The pig has been called the most resourceful, versatile, clever and strategic animal, as well as the most intelligent. While this praise may be a bit lavish, it is true that pigs generally have exceptional qualities. A pig can be taught to count, to come when its name is called, to play dead, to pull a wagon or sled, to choose a card from a pack, to distinguish letters and colors, and to retrieve. It can open and close a door or fence gate and may be taught to walk a tightrope and dance to music. Pigs have an accurate sense of time and have been trained to bring cattle in from the field at the exact hour when feeding was due. The pig can be housebroken easily, although a 700-pound pet is rather large to have around the house. A British gamekeeper trained a pig to perform the duties of a hunting dog and it became a better "pointer" than the dogs.

Fall Consignment Auction
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with
Eggs

* STEWART FARM MACHINERY DISPERSAL *
FRI. OCT. 28,
11:00 A.M.
Bath, (Steuben Co.) NEW YORK
Sale at the farm on Stewart Road off the Campbell Creek Road. From Bath follow auction arrows from rte. 415 app. 1 mile north of town.
Discontinuing farming, selling the following well cared for line of farm machinery!
A.C. 185 diesel tractor with 16.9x38 rubber and A.C. 500 all hydraulic loader with wide dirt bucket; J.D. 70 wide front with 3 pt. hitch, live hydraulic and live p.t.o.; N.H. 355 grinder-mixer, 1½ yrs. old!; Hesston 5500 round baler with electric tine control; N.H. 276 ejector baler with liquid treater attachment; Case 7 shank high clearance spring trip chisel plow with guage wheels, new this spring!; N.H. 36 flail chopper; N.I. 214 spreader with Gratz chain and hydraulic end gate; 1½ yrs. old!; N.H. 469 haybine; I.H. 35 rubber tooth rake; Kicker rack on J.D. 8 ton gear; I.H. #10 grain drill with dry fert. and grass seeder; Knowles 16 ft. harrow; Smoker 28 ft. hay-grain elevator; Fox custom 90 chopper with 2-row narrow corn head and elect. knife sharpener; Behlen 1200 bu. wire corn crib with roof; Century sprayer with 300 gal. fiberglass tank; extra nice J.D. 3 pt. 2-row corn planter with extra vegetable plates; 3 pt. big bale mover; nice oak kicker rack 10x16x9 high; gravity box with extentions; Kasten blower; 3 pt. 6 ft. scraper blade; Diadem 200 3 pt. broadcast spreader; Gehl 2 beater s.u. wagon on electric wheel gear; J.D. 6 chopper with hay pick-up head; J.D. 38 ft. elevator; I.H. 1PR corn picker; M.F. 3-16 3 pt. plow; J.D. 3-14 trailer plow; 2 N.H. 8-ton running gears with 16 in. rubber, just 1½ yrs. old! A good and desireable line-up here!
Terms: Cash or good check day of auction! Proper I.D. required!
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Lunch available!

TRUSTEE'S BANKRUPTCY SALE AT PUBLIC AUCTION
Silverside Dairy, Inc., Bankrupt 2222 Silverside Rd, Wilm., Del.
Sale Date:
THURS, NOV. 3, 1983
CONTENTS of the grocery store to be sold at 11 a m REFRIGERATED TRUCKS and Equipment at 1 P M
Inspection: Morning of sale from 9 A.M.
14 TRUCKS, TIRES, TRUCK PARTS, etc TAYLOR SOFT ICE CREAM MACHINE MAKER MIL770, MOSLER SAFE WITH DROP DEPOSIT SLOT (2) 3 GEM REFRIGERATOR BOXES W/MOTORS, Hundreds of cans & bottles of name brands soft drinks, plus many additional items Call or write for detailed information
AUCTIONEER,
A.J. MATAS
916 French Street
Wilmington, De.
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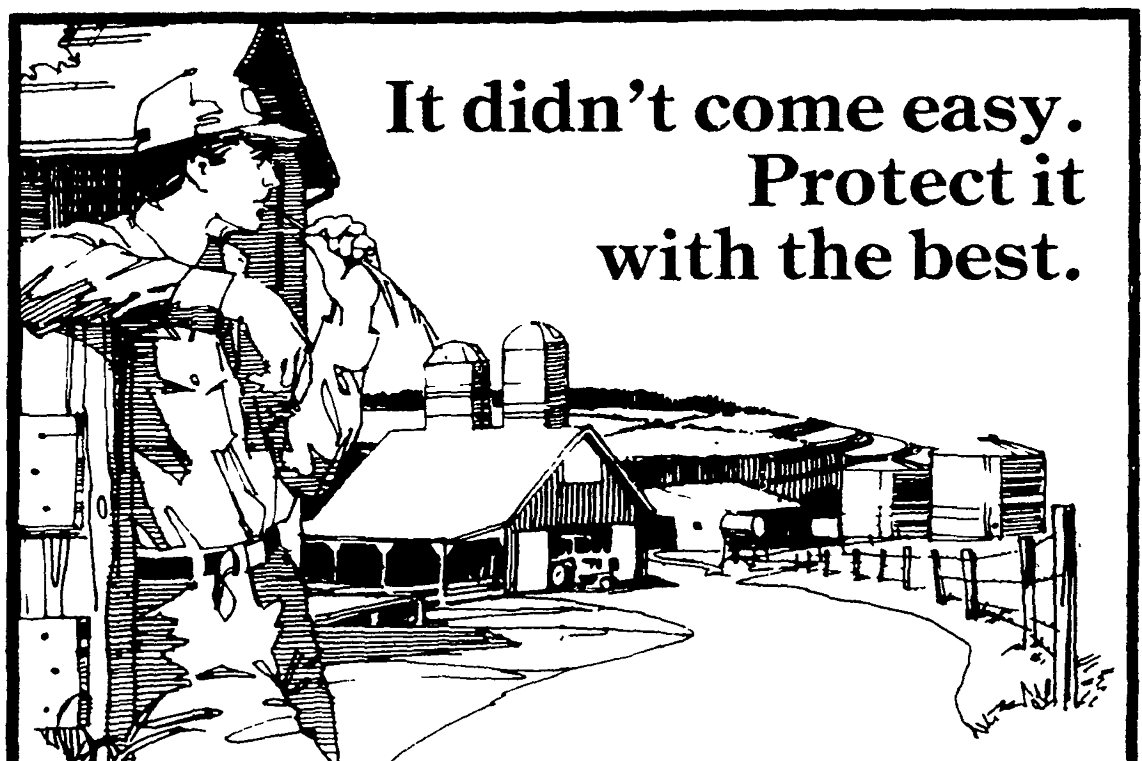
(302) 652-3490



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PUBLIC AUCTION

OF VALUABLE TRACTORS, TRUCKS, FARM EQUIPMENT, IRRIGATION, POTATO, GRADING & PACKING EQUIPMENT

SATURDAY, NOVEMBER 5, 1983

10:00 A.M.

LOCATION: A - Going south on Rt. 13 to Dover, Del., turn left on Rt. 113 Alt. (S. State St. Ext), go approx. 6 miles to Zelmar Apts. (County Rd. 106), turn right, farm 1 mile on left.

B - Going north on Rt. 113 Alt. thru Magnolia, Del., first road to left at Zelmar Apts. (Road 106), to approx. 1 mile on left.

C - Going north on Rt. 13 from Felton, Del., turn right at Chambers Truck Sales (Road 31), to approx. 2.3 miles to third road, turn left on Road 106, to 2 miles to farm on right.

TRACTORS

I.H. 1256 diesel tractor, J.D. 4430 diesel tractor, 2-J.D. 4010 diesel tractors, J.D. 2510 gas tractor w/45-A loader, J.D. front end loader fork attach., Case David Brown 990 tractor, I.H. M tractor, I.H. H tractor, Case 310 tractor & loader w/model 31 backhoe 24" bucket, Case 700 combine w/cab 14' grain head, J.D. 760 3 yd. motor scraper (pan) self-loading, Caterpillar D-7 w/hyd. 10' blade (good undercarriage & trucks), Fleco 9' root rake.

FARM EQUIPMENT

J.D. 4-16" 2 way plows (3 p.h.), J.D. 3-16" 2 way plows (3 p.h.), I.H. 4-18" 2 way plows (3 p.h.), Brillion 8' plow packer, Brillion 5' plow packer, I.H. #55 12' chisel plow (3 p.h.), 2-J.D. 4 row cult. (3 p.h.), Case 4 row cult. (3 p.h., Lilliston 4 row cult. (3 p.h.), 2-6' S-Tine cult., I.H. 470 18' fold-up disc harrow, I.H. 12' disc, I.H. 7' transport disc, Oliver 12' transport disc, 2 row middle buster, double tool bar middle buster (3 p.h.), Brillion 15' cultimulcher, 25' Meeher harrow, 2-6' spike tooth harrow, 2-15' Ferguson Tilrovator, Chattanooga 15' mulch monster, J.D. 494 4 row planter, 2-4 row N.H. transplanter (tow type), 3 row N.H. transplanter (3 p.h.), J.D. 12' lime drill, A.C. manure spreader, Lely 3 p.h. spreader, J.D. 20 spout grain drill, Stanhay seeder 4 row ground driven w/elec. monitor (3 p.h.), J.D. 12' sub-soiler, M.F. 2 row asparagus trencher, J.D. 3 p.h. boom, John Bean row crow sprayer w/50' hyd-boom & Royal 55 gal. pump, Oliver row crop w/60' hyd. boom wooden tank, 200 gal. sprayer, M.F. 180 vine beater, Veda vine beater, 3 p.h. weeders, I.H. 7' sicklemower (3 p.h.), Woods 6' rotary mower (3 p.h.), Brinly lawn aeroator & roller, Tyler fertilizer body w/S.S. auger, flat bed wagon, J.D. roll-over hyd. cyl., hyd. cylinders, Ferguson sub soiler parts.

IRRIGATION PUMPS & EQUIPMENT

G.M.C. 671 diesel w/Berkley pump w/Murphy controls, approx. 1000 gal. P/M, G.M.C. 671 diesel w/Berkley pump w/Murphy controls & elect. Hale Primer pump approx. 800 gal. P/M, G.M.C. 471 diesel w/turbine drive pump, right angle - 160'8" column approx. 800 gal. P/M, 3 Rain Cat Systems 9 Tower (3 p.h.-550 volt), Rain Cat Center Pivot Systems w/12 Towers, Rain Cat Irrigation parts, Case 20' pipe wagon, I.H. 40' 2 way pipe wagon, Rainbird-105 guns w/Andrews coupler, 8" gun stand w/Andrews coup., 6" gun stand w/Andrews coup., 5" gun stand w/Andrews coup., 4" gun stand w/Andrews coup., 17 pcs. Wosco 8"x40' pipe, 3 pcs. Wosco 8"x20" pipe, 160 pcs. Wosco 5"x40' pipe, 1 pc. Wosco 8"x40' suction line, 1 pc. Wosco 6"x40' suction line, 4 pcs. Wosco 6"x20' pipe, 20 pcs. Wosco 6"x40' pipe, 133 pcs. Wosco 6"x40' pipe, 155 pcs. Wosco 4"x40' pipe w/sprinklers, 20 pcs. Wosco 4"x20' w/o sprinklers, 7 pcs. Wade Rain 7"x40' pipe w/valves, 6 pcs. Wade Rain 7"x40' pipe w/o valves & w/couplings, 103 pcs. Mathieson 8'x20' pipe w/couplings, asst. of approx. 40 pcs. damaged pipe (8"-6"-5"-4"), Wosco reducer 8"-6", 5"-4" w/end plugs, Wosco fittings 8",6",5",4" ells, Wosco 6" tees, Wosco 8" valves, lot of misc. parts & accessories - Wosco, Rainbow, Anderson-Miller.

POTATO EQUIPMENT

I.H. 4 row potato planter w/S.S. fert. tanks, I.H. 4 row potato planter (parts), potato seed treater, custom loader for I.H. potato planter, 2 Dilz-Wetzel potato seed cutter, Troyer potato seed cutter, Lockwood Bulk potato body, Ziggy potato cart w/15' body, John Bean #66 Harvester (Asp. Crowns), John Beam 2 row potato harvester model 266 (rebuilt), John Beam 2 row potato harvester model 601 (rebuilt), Semco 10 row Harvest Aid (3 p.h. hyd.), 6 Simmons side dump cabbage wagons, Lockwood 2 row windrower (rebuilt).

FORK LIFTS & PACKING EQUIPMENT

Clarksville Hydro-Cooler 30'x8' w/cooling coil & tank, 2 Frick 7 x 7 compressor w/50 h.p. phase 220 motor & safety controls, Vilter VG 150 air cool condenser, Vilter Ammonia receiving tank, ice blower, Clark 5000 lbs. gas fork lift w/20' lift, solid tires, Clark 5500 lbs. gas fork lift w/pneumatic tires, Yale 4000 lbs. propane fork lift w/solid tires, Yale 2000 lbs. gas fork lift w/solid tires, Yale e/pallet jack, Lewis Sheppard pallet jack, Cleveland Tramrail 6000' hoist, Simons cabbage dumper, warehouse cart, Hallock 48" washer, Hallock 48" washer w/10' rolling picking table, Haines Rolling 8'x36" picking table, rotary packing, Hallock 20'x36" sorting table, Hallock 48" jumbo sizer, Hallock 15'x42" sorting table, exact weight 25 lbs. scales, Detecto 25 lbs. scales, platform scales, 14 head filper Weigh-o-matic, Trescott twin bagger (5 & 10 lb.), Homer Pneumatic Master bag hanger, baker 50 lb. Weigh-o-matic bagger, Walthambury 50 lb. bagger w/conveyor, Mid-State Weld-Loc P.V.C. straping machine, 2 Fischbein port. hand sewing machine w/hangers, New Jersey wire stitcher (mod. MB), Hamer wire closer w/conveyor (mod. O), Hamer wire closer w/conveyor (mod. O), Hamer wire closer w/conveyor (mod. X), 2 air staplers, 6'x48" sizing chain, 12'x36" Hallock elev. chain, Hallock 34' potato flume, Hallock 20'x18" chain conveyor, 20'x12" custom belt conveyor, 24'x12' custom belt conveyor, 24'x8" custom belt conveyor, 12'x 15" custom belt conveyor, Hallock 25' conveyor, Hallock 35'x15" conveyor, Rapistan 25'x20" floor conveyor, Hallock 20'x15" belt conveyor (Flight), 10'x10" link belt conveyor, Trescott 15' L head take away conveyor, 10 15" skate rollers, Deming 20 hp. 600 gal. P/M pump, Deming 10 hp. 600 gal. P/M pump, lot of potato equipment parts, and used conveyor parts and dolly wheels.

TRUCKS & AUTO

1969, Mack tractor w/Cat. engine (1973 cab), 1968 Great Dane trailer w/Thermo King (45'-13'2"), 1950 Trailmobile 26' trailer, 1966 I.H. R-200 6 wheel truck w/16' Ziggy body, 1964 I.H. R-185 10 wheel truck w/18' Ziggy body, 1964 I.H. R-185 10 wheel truck w/21' body, 1957 I.H. R-220 10 wheel truck w/20' Ziggy body, 1963 Brockway 6 wheel truck w/16; Ziggy body, 1952 Reo 10 wheel truck w/16' Ziggy body, 1970 I.H. water truck w/2000 gal. tank & pump, 1951 GMC model 450 water truck w/1000 gal. tank & pump, 1964 I.H. R200 10 wheel dump truck, 1969 Diamond Reo truck w/Garwood dump 4/6 yd., 1966 Dodge D600 10 wheel dump truck, 1965 Chev. 60 series truck w/16' Duralite Van body, 1958 Dodge 0400 dump truck, 1955 I.H. dump truck, 1959 Chev. 60 series truck 1952 Dodge 1½ ton truck, 1958 Chev. school bus, 1964 Ford F350 dump truck, 1927 Chev. ½ ton pickup, 1971 GMC 2500 pickup w/service body, 1965 Ford pickup, 1965 Chev. pickup, 1964 I.H. pickup, 1975 Cadillac 4 Dr.

BUILDINGS & MOBILE HOME (To Be Moved)

8'x10' Sabre Mobile home (poor cond.), 2 10'x14' building insulated & e/heat, 1 12'x24' building insulated & gas heat, 1 11'x26' building insulated w/no heat.

SHOP TOOLS, OFFICE EQUIPMENT & MISC.

Sears 4000 watt port. generator, Citation steam cleaner, Hobart port. welder, Kohler w/plant (15 K.W. single phase), Roto Con 3 p.h. 10 K VA. convertor Mark II, milling machine, dress press rolling work bench w/vise, work bench, shop heaters, 8" pipe threader & cutters, 4" pipe threader, parts bin, steel scaffoling, lot misc. tools, used motors, Chev. rebuilt 6 cyl. engine, truck axles, used tires, I.H. & J.D. tractor weights, tractor tires 16.9-38, tractor duels 15.5-38 & 18.4-38, lot potato chain, 4" conduit pipe, lot scrap iron, lot misc. motors, pumps, paint, lot of asparagus boxes (plastic & wood), approx. 200 4 way used pallets, 2 5000 BTU a/c, 2 manual typewriters, Vulcan S.S. gas range, refrigerator, S.S. sinks, time clocks, file cabinets, lockers, labor camp supplies, bunk beds, pots, pans and many other items too numerous to mention.

TERMS: Cash, Travelers Check, or approved check w/current letter of credit from your bank.

AUCTIONEER NOTE:

ALL of this equipment is in good condition and most is ready to go in the field. Plan to attend this Auction today!

COME EARLY & PLAN TO STAY LATE!

Owners

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Wilson's Auction Sales Inc.
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Octoraro receives Scenic River designation

BY TRISH WILLIAMS

HARRISBURG — Legislation went into effect Friday which designates the Octoraro Creek as a component of the Pennsylvania Scenic River System. The Scenic River Program is concerned with protecting the visual qualities of the streams and their environment.

Citizen groups, local residence and legislators have worked for more than five years to obtain the designation in order to assure the people of this generation and future generations the opportunity to refresh their spirits with the aesthetic, pastoral, and recreational qualities of the unspoiled waterway.

The scenic designation encompasses the Octoraro Creek, its East and West Branches, and Stewart Run, a tributary of the West Branch. The creek and its East Branch form part of the boundary between Lancaster and Chester Counties, while the West Branch and Stewart Run are located entirely within Lancaster County The stream flows into Maryland and empties into the Susquehanna River.

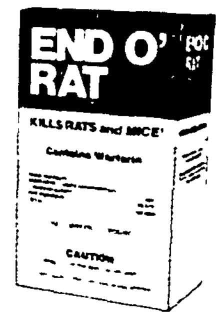
The "Octoraro Creek Scenic River Study" compiled as part of the requirements for the Scenic River designation provides a wealth of information on the Octoraro Creek region. Included in the study are a review of the law, natural resource and socio-economic characteristics of the creek region, and a historic summary from Indian life and colonial times, through early industry and commerce, to present times.

Copies of the study are available for public inspection at the Lancaster and Chester County Planning Commission offices.

Kills rats and mice!

End O'Rat works fast to kill unwanted rats and mice Completely safe for use around the home farm or factory buildings End O Rat is specifically formulated to appeal to the natural feeding habits of rats and mice And End O Rat contains Warfarin—for proven effectiveness
Put End O Rat to work for you today!

END O' RAT



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CONTRACTOR'S AUCTION

6th MYERSVILLE EQUIPMENT, TRUCK AND TOOL AUCTION

FRIDAY, OCT. 28

at 9:30 A.M.

Located at Myersville, MD. Take exit 42 off I-70 west across from Alban Tractor Co..

Selling 6 tract loaders including Cat 955 L, Case 850 B, JD 450 B w/9300 hoe, JD 450 w/log fork, Case 450 w/4-in-1 bucket and hoe, AC HD 7G; dozers including JD 450 B, JD 2010; Excavators including Link Belt 4000, IHC 3984, Bucyrus Erie 20H; cranes including A City 20 ton, Michigan truck train; graders and scrapers including AC DD diesel, Cat 12, JD 840 and 760 SL scrapers; loader hoes including Michigan 55A, JD 300; fork lifts including pettibone super 6 2 AC 600 and 700; Go For Digger on 73 4x4; Misc. including JD 301 broom IHC 2444 gas tractor, Bros. SP 54; Vibro-Pac, Bros. SP 225B Sheep foot, Galion rubber tired 9-12 ton, Galion 4-6 ton, trenchers, arrow boards, pavers, masonry tools including cement mixers, scaffolding planks, scaffolding, small tools, two way radios, transits, tampers, drills, compressors, hammers, spades, signs, and shop equipment.

4 trash packers, 1981 Mack, 80 GMC, 77 GMC and 68 GMC w/leech bodies; 79 k100 Kenworth coe tandem tractor, cream puff; 75 White road boss; 73 Mack U607T; 73 IHC 4070A; 70 IHC DF400; flatbed dumps; pickups; 4x4 and office trailers.

Terms-Guaranteed funds.

WOLFE CONSTRUCTION EQUIPMENT AUCTIONEERS, INC.
15 N. Court St.
Frederick, MD 21701
301-663-8644

Auction Reports

The 24th Annual Susquehanna Co. Heifer Sale was held October 15 by the Susquehanna County Commissioners southwest of Montrose, Pa.

The top Holstein Heifer sold for $1160 and the average of the 44 heifers was $690. There were none sold below $500.

Bill Mead was the auctioneer and sale manager.

XXX

A Public Sale of real estate was held October 14 by Henry and Martha Gehman located along Maple Grove Rd., between Plowville and Bowmansville, Berks Co., Pa.

The 3 lots zoned Commercial located along Witmer Rd., off Rt 222 at Adamstown, Pa. were sold for $11,000.

The Parcel #3 of 1 3/4 acres was sold for $12,000. The 6 3/4 acres advertised as parcel #4 was sold for $20,000.

Alvin Horning was the auctioneer.

A large crowd attended the Chamberlandale Holstein Sale, Oct 12 near Shippensburg.

The top selling cow sold for $2,000, the second high seller for $1,950, and the third top seller, $1,925.

Twenty-five cows and springing heifers averaged $1471.50. Four yearling bulls averaged $557.50.

Auctioneer was Ralph W. Horst, Marion. Fred M. Naugle, Carlisle, was sale manager.

"I Didn't Think The Harvestore® People Knew What They Were Talking About When They First Came To My Farm. Now When They Say Something — I Listen!!"

L-R: Sons, Stephen & Phil

Maurice M. Bennetch
Newmanstown, PA

RESULTS FROM HARVESTORE® HIGH MOISTURE CORN STRUCTURE:

PRODUCTION - "COWS PRODUCE 30% MORE MILK! INCREASED 1,800 LBS. MILK ON 141 COWS ON D.H.I.A. SINCE OCTOBER, OCTOBER, 1982."

PROFIT - "SUPPLEMENT FEED BILLS NOW ON 141 COWS AND 100 HEAD OF YOUNG STOCK ARE APPROXIMATELY $1,100/ MONTH; SEPTEMBER D.H.I.A. 15,500 LBS. MILK.!"

PRACTICAL - "CUT HARVEST TIME BY TWO WEEKS & CORN IS MORE UNIFORM!"

PROGRESS - "TORE DOWN 20x60 STAVE SILO AND BUILT A 2590 HARVESTORE STRUCTURE FOR HAYLAGE."

Maurice bought his first Harvestore Structure for high moisture corn in 1982. He was so well pleased with the results, as stated above, that he has since purchased a second Harvestore Structure, a 2590 with an Atlas unloader, for haylage.

OCTOBER IS NOT TOO LATE TO PURCHASE A HARVESTORE HIGH MOISTURE GRAIN UNIT!

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BUTLER® | Livestock Systems

BUTLER LIQUI STOR FIELD DAY

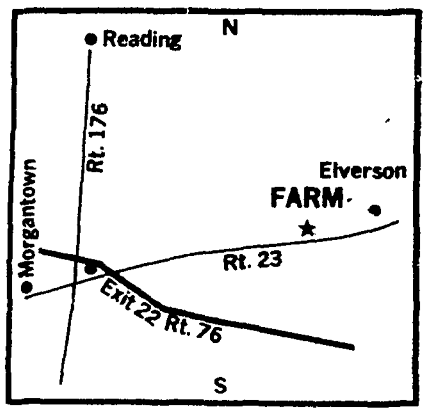
Tuesday, November 1, 1983

10:30 AM - 3:30 PM

To Be Held At

MARVIN & GARY STOLTZFUS FARM

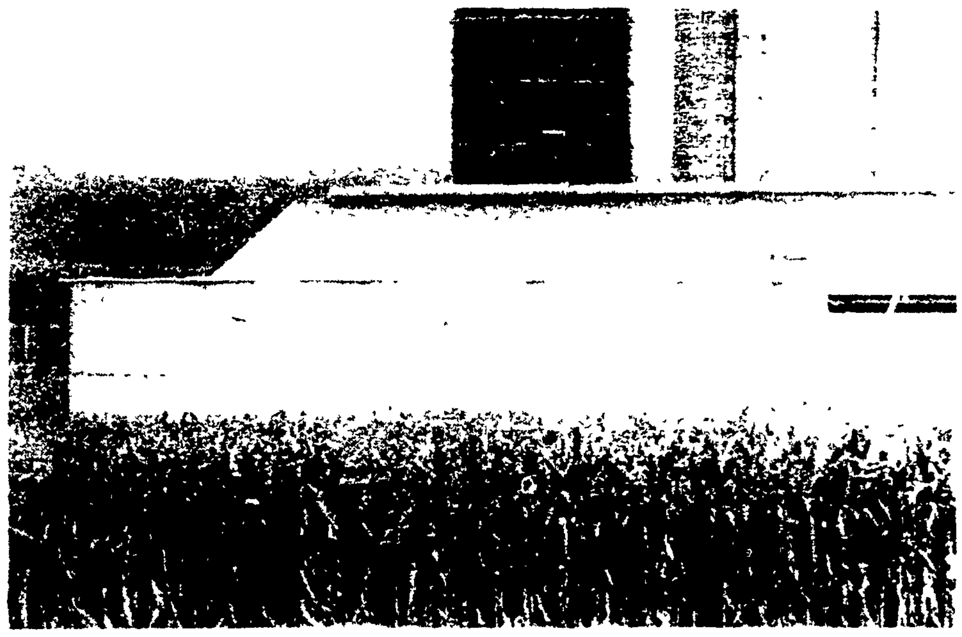
RD 3, Elverson, PA



Directions:

First farm west of
Elverson on
Rt. 23

Light Lunch Served

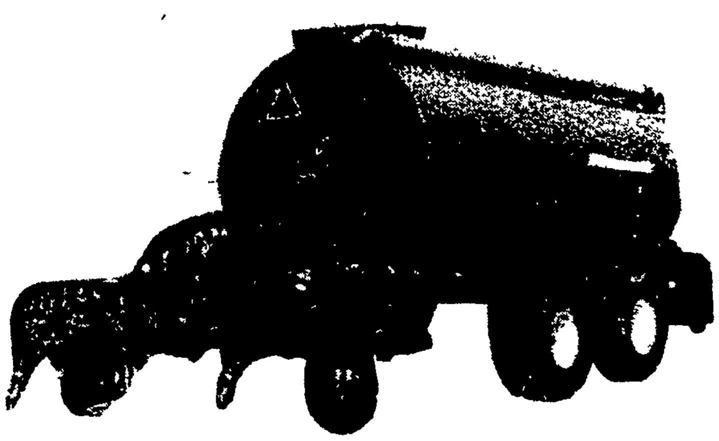


Featuring The 62 Ft. Diameter By 16 Ft. High Butler Liqui Stor Manure Tank

DEMONSTRATING THE FOLLOWING

BUTLER SUPER-MIX TANK-R ™

Chops, Blends, Spreads or Injects (even liquid manure with long-cut bedding)

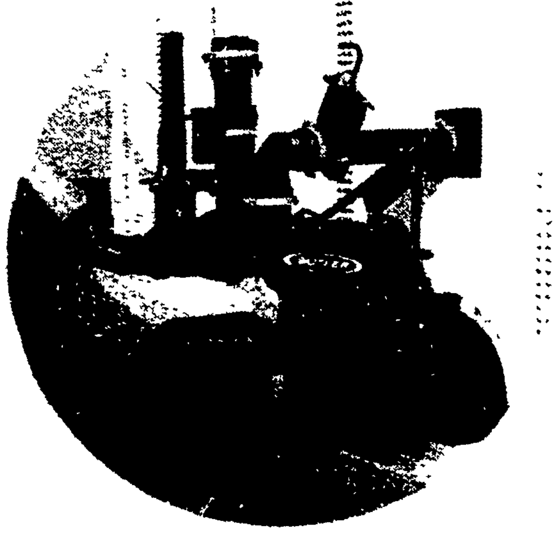


The many exclusive design and engineering features of the Butler TANK-R provide you with operational benefits you'll find on no other liquid manure spreader. Centrifugal force chopper pump finely chops and homogenizes manure for non-clog spreading or injecting. Forward slant design maintains drawbar weight during unloading for greater traction on hilly land. Optional feature makes it a self-loading tank. Extra heavy tandem axle gears. Three sizes: 2800, 3300 or 3800 gallons.

BUTLER SIDE MOUNT PUMP FOR AGITATION

Powerful slurry tank agitation

Here's the side mount pump you can really depend on for fast, thorough and trouble-free agitation of your slurry tank — up to 6,000 gal./min. Modular design allows simple pump installation and simplifies servicing. Let us show you its many high-performance features for more efficient manure management. There's no better way than Butler... see us for systems and service.



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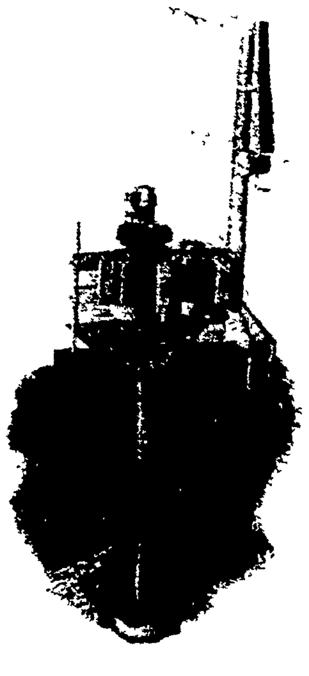
BUTLER SHREDDER PUMP

For Fast, Dependable Agitation and Pumping of Manure Collection Pits

- Stationary pump provides 600-1500 gallons per minute agitation and pumping capacity
- Operates with 15 to 30 H.P. motor
- Provides top or bottom filling of slurry storage systems
- High pressure and volume through 6" line prevents buildup, completely flushes heavy sediments out with high water content manure.
- Impeller blades make 32 cuts per revolution (32,000/minute)
- Lift mechanism on the pump provides easy "out-of-the-pit" servicing



Looking for an effective, dependable pump for handling manure accumulations from a collection pit? Look no further! Butler has coupled its proven engineering skills and knowledge of manure handling problems to develop a superior pump for manure systems that utilize a manure collection pit. Ideal for all types of systems, this new Butler Shredder Pump literally homogenizes any type of liquid manure, finely shredding solids and bedding, with 32,000 cuts per minute by the 16" four blade impeller. This pump features a 3-way agitation nozzle that swivels 300° horizontally, 30° upward, and 30° down to provide complete agitation of the pit.

Heavier sediments are blasted into suspension and pumped out under high pressure through a 6" underground PVC pipe or overhead through 6" aluminum pipe. The high volume through the small pipe provides a good flushing action to eliminate possible buildup of settled solids. The totally enclosed main beam is oil filled, and features upper ball bearings and lower roller bearings and an easily replaceable tandem outrigger seal that protects the lower bearing. The higher (than liquid) level in the beam produces a positive pressure seal. Standard lift mechanism makes servicing easy should it ever be required.

Sri Lanka and Bedford Co.: Worlds Apart

BY PATTY GROSS MOCK
Staff Correspondent

EVERETT — Following six and a half months of living and farming in an underdeveloped nation, Lori Sollenberger is happy to be home. The 24-year-old Bedford County woman recently returned from Sri Lanka, an island off the Southeast coast of India.

Lori left behind Ralaine Jersey Farm, R.D. Everett, to volunteer her services on the island formerly known as Ceylon, a British Colony until gaining its independence 35 years ago.

Her stories and over 400 slides relate the good and bad of her trip last October to a country the size of West Virginia.

"I appreciate what I have at home much more," Lori smiles. "I think going to any Third World country makes you appreciate home."

Imagine how you would feel in another country where no one speaks your language. Racial fighting is on the increase. There is not electricity in the rural stick and mud homes or if you're lucky you may live in a cement block house. To paint a more vivid picture in your mind, Lori tells of the rats you see in the house and the food storage area. Your water is taken from a community well and the local transportation for many is bicycles.

"After I was there a couple of months I got over the shock and decided I wasn't going to die everytime I stepped out of the door, then it became fun," she laughs. Lori realizes now her major problem was lack of information prior to her trip and not knowing what to expect. "If you would have read my letters home the first couple months you would have known I was surprised!"

The 1981 Dairy Production graduate of Penn State University traveled to Sri Lanka through the United Church of Christ Mission to supervise a dairy barn at a home for boys near the village of Paranthan.

"It was something I wanted to do since high school," explains Lori. "I waited until after college. I thought I'd have something more to share."

She stayed until the middle of April at the home, known as Navaheevanam, meaning new life. The Christian home is just that for 250 homeless school age boys. The children attend a nearby government school and are given their meals and a place to sleep at the 24-year-old institution, founded by a minister and his wife and a retired missionary from England.

The home is also a haven for 40 mentally retarded and physically handicapped young men. Lori says they are apprentices in the many workshops including the dairy.

One of the first problems the enthusiastic worker encountered was her job description.

"They apparently thought having someone come was a good idea. When I got there they didn't know what to do with me," confesses Lori. "Part of that was poor planning ahead of time. There should have been more things worked out before I went."

The project was not only a first for Lori, but also a new venture for the institution.

"I thought they were interested in improving and expanding their dairy to make it more profitable. That's what I went intending to do," says Lori.

From the beginning she saw things that needed changed, but it was easier said than done.

"The administration really wasn't interested in improving their dairy. They were more interested in having someone to supervise their boys and make sure they did their work," Lori explains.

She feels that the male oriented society in the country is not receptive to suggestions from women.

Now that Lori is home and looks back she realizes that she made some progress and enjoyed herself. The dairy is more businesslike and the health of the cattle has been improved.

"They were giving them water twice a day. Each cow got only one bucket. We started watering more," she explains. "They really weren't getting enough food either. We changed the feed mix a little bit so we were able to feed them more. I also insisted that the calves be wormed when they needed it."

Another problem was heat detection. Because of the climate it is more difficult to determine when the cows are in heat, which is topped by the barn boys not knowing what to look for.

"While I was there I was able to get some of the cows bred."

Their biggest problem is lack of cattle feed. According to Lori, that brings another problem into the forefront. They hardly feed themselves, therefore they don't want to spend a lot or give up the crop space for animal feed. The land on the island is used to produce rice for its people. The cows get by on the straw remaining from the rice and can be seen grazing along the roadsides.

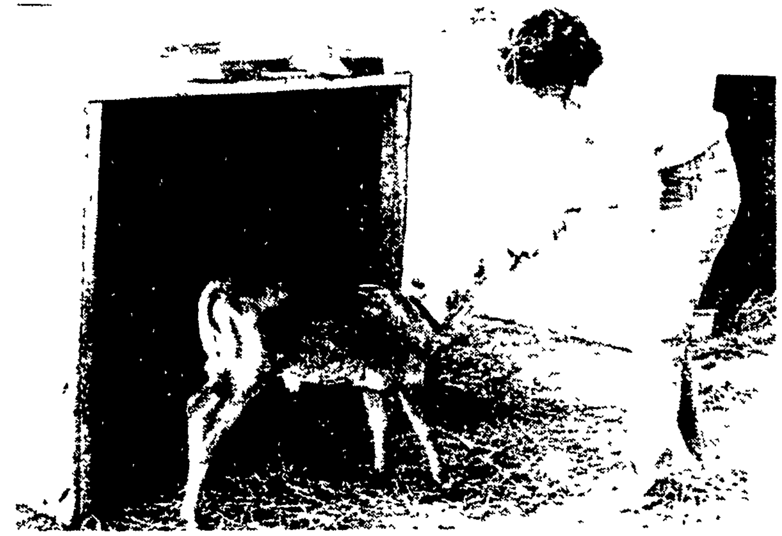
The cows are cared for in an open building with a cement floor and roof overhead. Lori describes the animals as odd looking. Five to seven cows were milked by hand in the dairy Lori supervised. Each cow produced from 1 to 3 liters of milk a day. She saw some familiar faces in the small herd. Lori explains that some Jerseys have been imported for crossbreeding purposes becauses they are more heat tolerant. A variety of cows is how she described her adopted animals. There were some western breeds and crossbreeds. Cows with the hump on their shoulders from India were very popular.

Lori lived in the northern part of the country where it is flat with sandy soil. The hot and dry weather is not very suitable for western cattle. However, she says in the cool mountains there are many purebred western cattle doing quite well in production. The rainy season on the island with temperatures around 60 degrees is during November and December. From January through October it is very dry and in the 80s and 90s.

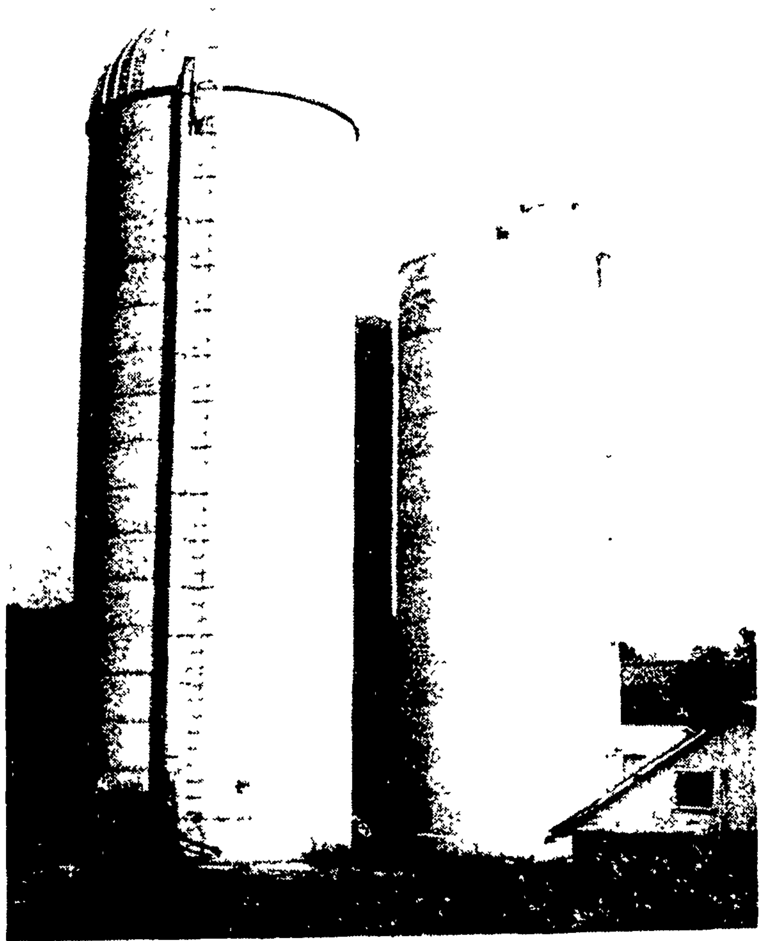
The country is unable to supply

(Turn to Page B4)

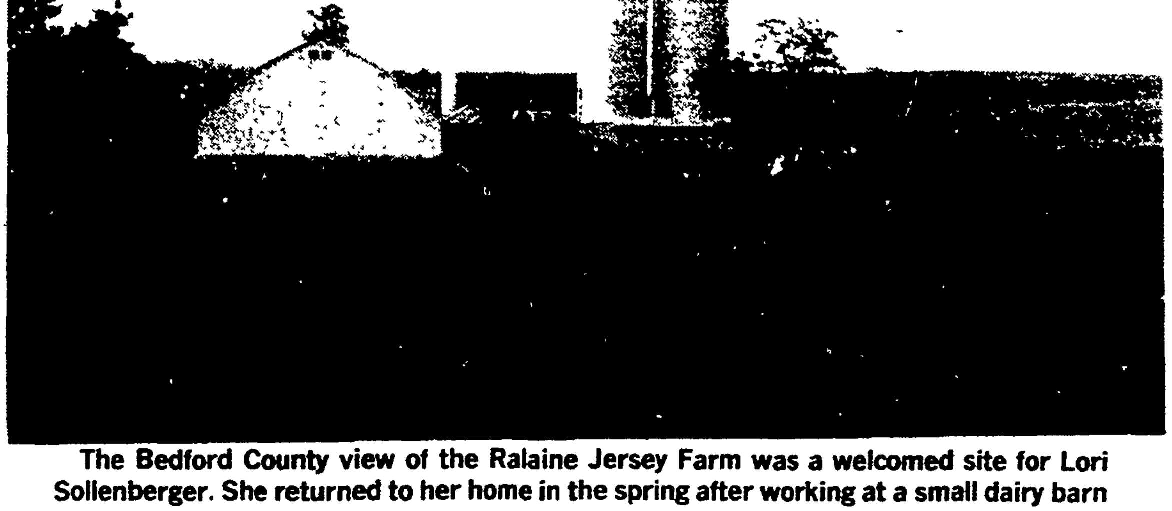
Ralaine Superb Cello is the Sollenberger's highest classified cow, excellent 91. Cello was the first place aged cow at the Bedford County Fair this summer. Lori discovered a big difference between her prize Jerseys at home and those on the tiny island of Sri Lanka, where she supervised a dairy barn during the past year.



A strong supporter of the Jersey breed, Lori says they are small, easy to work with and more efficient animals.



Ralaine Jersey Farm is expanding. Three new silos last summer and a new shed were just the beginning of plans to grow over the next five years.



The Bedford County view of the Ralaine Jersey Farm was a welcomed site for Lori Sollenberger. She returned to her home in the spring after working at a small dairy barn in another nation.

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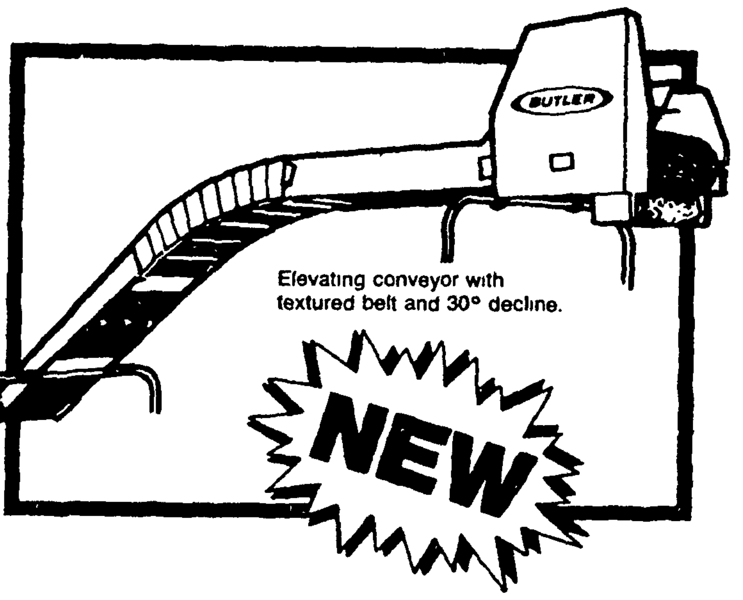

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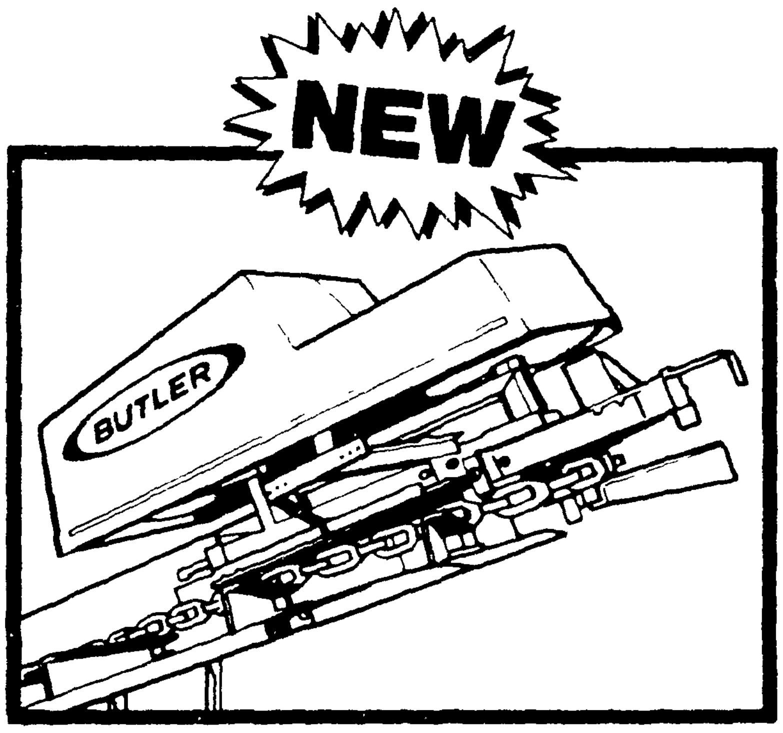

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Worlds Apart

(Continued from Page B2)

all of the milk it uses and looks to other countries. The government is interested in developing and expanding the dairy industry to become more self-sufficient. Lori tells us that the milk board collects milk everyday to process and distribute. Some milk is held back for use at the home, but you may be surprised that the amount is small for such a large household.

"They don't just sit down and drink a glass of milk," remembers Lori. "They give warm milk to children and older people, otherwise the only milk they drink is in their tea and coffee."

The day begins with tea and is followed by a tea break in the middle of the morning and again in midafternoon.

Sri Lanka is mostly an agricultural society with very little large industry. The country produces tea, coconut and rubber for export and rice and garden produce for its own consumption.

By world standards Sri Lanka is very poor. Lori says it is one of the lowest per capita income countries in the world, but within the country there is not a lot of poverty.

"Most of them have enough to eat, shelter and clothing," she adds.

"It was interesting to see the way another country looks at America. They assume we are all rich!" One of the boys requested that she buy him a plane ticket to come to America. He could not understand that she did not have the money.

"America still has the reputation of a place that will accept anybody. You can go to America and make it good. They believe if they could just get to America, they'd do all right," says Lori. "They don't think about the unemployment we have here and the language differences."

She ran into a few people who were extremely critical of Americans. Lori relates an amusing story demonstrating the misunderstandings concerning the United States.

"A man told me how Americans think they all need heating in their homes and glass windows and

(Turn to Page B5)

The Jersey cows on the Ralaine Jersey Farm, near Everett, are happy to pose for the camera.

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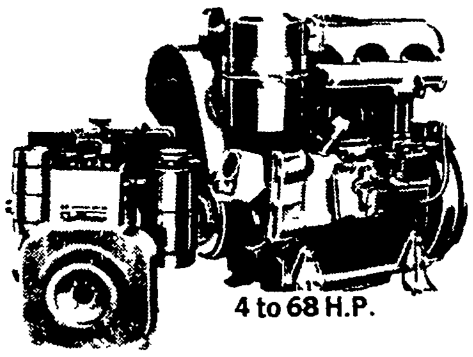

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World's Apart

(Continued from Page B4)

doors," laughs Lori. "He failed to understand they are necessary in our climate."

There is quite a difference between Sri Lanka and Bedford County. Lori says for six and a half months it was just like camping without any modern conveniences. Because she was a guest at the home she was given an individual room with a bath. She proudly states that her bed even had a very small mattress. The boys slept in one large room on wooden plank beds with no mattresses, but possibly a straw mat.

Mostly everyone traveled to the nearby village for drinking water and a bath.

"Sri Lanka is a very clean place by Asian standards. A daily bath, sometimes even two, is very important to them," says the visitor. The people take a "pour bath" every day standing at the wall. The name describes it completely. Cold water is poured down over them.

The young traveler had difficulty adjusting to the conditions around her. "So much of the water is contaminated. Intestinal parasites are everywhere. A lot of the food you get is also contaminated," she uncomfortably reflects. "You learn to accept it. I realized we are too conscious of dirt, germs and disease here. There needs to be a happy medium between their nonexistent standards and our excessive standards," reasons Lori.

All the food is overcooked and milk and water are always boiled and served warm. Lori admits she was comforted by that and laughs as she remembers the morning at breakfast when she was served stale cereal with hot milk.

After becoming familiar with her surroundings, Lori did not shelter herself.

"I saw some of everything while I was there. I was able to do some traveling in the country," she says.

She apparently had no fear of the recent fighting plaguing the country. She says the turmoil stems from racial tension among the three races. The Tamil people live and work in the north and eastern part of the country and make up 22% of the population, while 68% of the population is the Sinhala people. The remaining 10% are Moslems. While the country was under English rule the Tamils were the best educated and received the better jobs. Now that the Sinhala people are in the majority in the independent nation, they are in control. Lori realizes that the Tamiles were accustomed to having so much more they are feeling discriminated against. Much of the fighting was in the late 60s and early 70s, but has flared-up again requiring the presence of the army in the villages.

"I left at a good time," confides Lori. "The real trouble broke out after I left."

Since her departure she has learned of bombings and rioting forcing many of her missionary friends to seek safety elsewhere.

When Lori packed her bags to travel home she admits she was ready to leave.

"It had gotten to the point I wasn't able to contribute any more to the place," she remembers.

She has no hard feelings and would definitely volunteer her services again. It will be different the next time. "I would know more what to expect and would be able to adjust and adapt more quickly. I would learn the language. If I would have understood Tamil I could have communicated with them more than just sign language."

She takes responsibility for a major problem — frustration

"In the future I would get less frustrated because I'd know I wasn't going to accomplish everything."

While the work part of the trip was disappointing, the young woman says living and experiencing the culture was very educational and interesting.

"I learned a lot about the problems developing nations face and why they can't progress. I also realize how wasteful we are here."

The dairy woman's thoughts are now on matters closer to home. The Sollenberger's put up three new silos last summer along with a shed for the dry cows and heifers. Eventually a new barn will be erected for the milk cows with facilities to milk 150. They currently milk 65 Jersey cows and plan to more than double the herd within five years. The expansion plans are underway despite the hard economic times for farmers.

"We need the added income and work for three people," Lori explains.

The 150-acre Jersey farm, along with 90 rented acres nearby, is operated by Lori, her brother, Leon, and their parents, Ray and Elaine.

She works with the calves and milks the cows. Her Extensive experience at showing cattle has gained her a reputation as an excellent fitting and showmanship judge.

The Ralaine Jersey herd is climbing back up the charts in production following a decline during last years' expansion. The herd averages 511 pounds of butterfat and nearly 11,000 pounds of milk.

The knowledgeable dairy woman is a strong supporter of the Jersey breed.

"They are smaller and easier to work with — a more efficient animal," She says. She advocates increasing the minimum standard of milk. Today's milk surplus would be reduced, believes Lori, if the farmers were given more of an incentive to breed for better quality (higher protein and butterfat), instead of higher volume. She also feeds the consumer would then receive a better tasting product and the manufacturers of dairy products such as cheese and yogurt, which seek the high solid content milk, would be able to keep up with the demand.

Lori is excited to be a part of the dairy industry and to put her knowledge to work on the family farm, but looks forward to another time when she can share her experiences with a different people.

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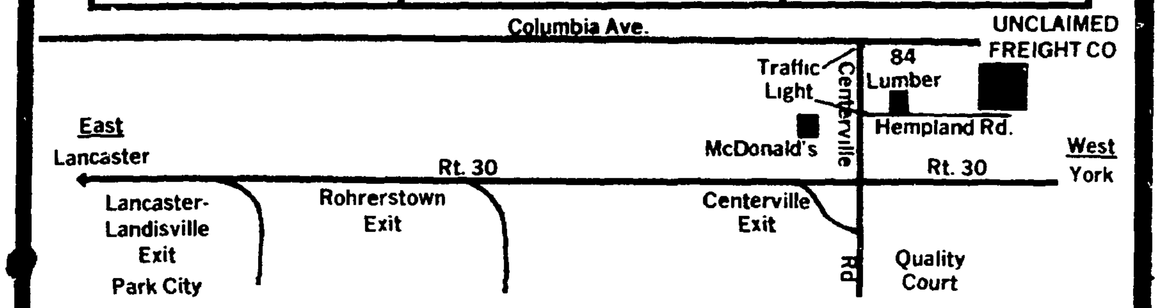

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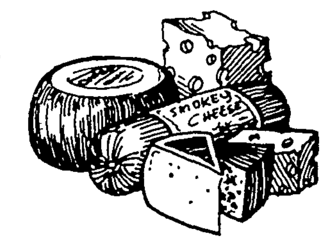
White Coating Means Trouble

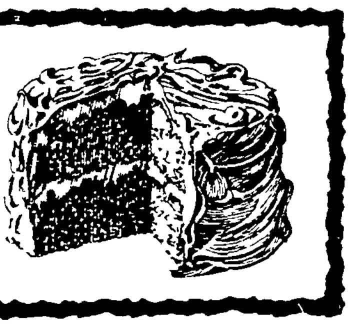
MEDIA — Have your looked lately at the branches of privet, lilac, flowering cherry, and many other ornamentals only to find them white in color instead of the normal brown, tan, or grey?, asks Mary H. Meyer, Delaware County Extension horticulturist. This white or off-white, flaky coating is common this year and especially evident right now. It has an extremely wide host range and can be very destructive by feeding on the trunk and major branches.

Its population builds rapidly. Death of large branches and even entire trees is not uncommon. The two sexual stages of this insect vary. The female being about 1/10" long, round and disc-like, is light grey to off-white in color. The male is considerably smaller, more elongated, but being a pure white, is more conspicuous. Thus, infestations appear to be more intense during periods when the males are mature — later in the cycle. Since there are generally two generations and sometimes a third per year and the eggs of one generation are laid during a period that extends over a month, it's very possible to have overlapping stages within early life cycle. Couple this with the fact that each female produces more than 100 eggs, and you can understand how an infestation builds up.

Although there are several parasitic and predaceous insects that feed on this scale, generally they're insufficient to provide enough control. Most pesticides applied at this time of the year are not very effective. As the crawler stages appear next year (mid-June through early July), Diazinon (for privet and lilac only) or Methoxychlor or Carbaryl should be applied at weekly intervals on those plants where infestation is obvious now. At this point, if an infestation is severe and you want to do something, try rubbing off the scales with a rough cloth saturated with soapy water.



Home On The Range



Treat Your Friends to a Halloween Party

It's time to break out the costumes, the black cat and pumpkin decorations and your favorite fall foods to celebrate Halloween.

Whether you're planning a big party, a small get together or just a special treat for your family, why not try something that features a favorite Halloween idea?

HOT BUTTERED CIDER

2 quarts sweet apple cider
3 sticks cinnamon
1 teaspoon whole cloves
1 teaspoon whole allspice
1 teaspoon chopped candied ginger
butter balls
sticks of cinnamon

Bring cider, three sticks of cinnamon, cloves, allspice and ginger to a boil in suacepan; simmer, uncovered for 10 minutes. Strain before serving. Garnish each with a butter ball and a stick of cinnamon.

OATMEAL WHOOPIE PIES

Cream: 2 cups brown sugar
3/4 cup margarine
2 eggs
Add: 1/2 teaspoon salt
2 cups oatmeal
2 cups flour
1 teaspoon cinnamon
1 teaspoon baking powder
Add last: 2 teaspoons soda dissolved in 3 tablespoons boiling water

Mix well. Drop batter by tablespoons on greased cookie sheets. Bake at 325 degrees for 10 to 15 minutes.

Filling
2 egg whites
2 tablespoons vanilla
3 tablespoons milk
4 cups confectioners sugar
1/2 cup shortening

Cream egg whites, vanilla and milk with two cups of confectioners sugar and shortening. Add remaining sugar and fill between cookies.

Mrs. Clair DeLong
Quarryville

FLUFFY PUMPKIN DESSERT

1 cup graham cracker crumbs
1/4 cup butter or margarine, melted
1/4 cup finely chopped nuts
2 tablespoons sugar
2 envelopes unflavored gelatin
1/2 cup cold water
1 cup milk
1 7 oz. jar marshmallow creme
1 16 oz. can pumpkin
1 1/2 teaspoons pumpkin pie spice
1/2 teaspoon salt
1 8 oz. container whipped topping, thawed

Combine crumbs, margarine, nuts and sugar; press onto bottom of 9-inch square pan. Bake at 350 degrees for 10 minutes. Cool. Soften gelatin in water; stir over low heat until dissolved. Add milk. Cool. Combine marshmallow creme, pumpkin and seasonings, mixing with wire whisk or electric mixer until well blended. Gradually add gelatin mixture, mixing until blended. Chill until thickened, but not set; fold in two cups whipped topping. Pour over crust; chill until firm. Top with remaining whipped topping.

PUMPKIN CHEESECAKE

Crust
1 1/4 cups graham crackers (16 crackers)
2 tablespoons sugar
3 tablespoons melted butter
Filling
2 packages (8 oz. each) plus a 3 oz. package of cream cheese, softened
1 1/4 can cooked pumpkin, drained
4 eggs
1 cup sugar
2 teaspoons grated lemon peel
1/4 teaspoon vanilla
1/4 teaspoon salt
3/4 teaspoon cinnamon
1/4 teaspoon ginger
1/8 teaspoon cloves

Heat oven to 350 degrees. Stir together graham cracker crumbs and two tablespoons sugar. Mix in butter thoroughly. Press mixture evenly in bottom of 9-inch pie pan. Bake 10 minutes. Cool. For filling, reduce oven temperature to 300 degrees. Beat cream cheese in large mixing bowl. Gradually add one cup sugar. Beat until fluffy. Add lemon peel and vanilla. Beat in eggs, one at a time. In a separate bowl, add spices to pumpkin. Mix well. Add to cream cheese mixture. Pour over crumb shell. Bake one hour until center is firm. Cool to room temperature. Chill at least three hours. Top with whipped cream.

Juli Punderson
Homeville

This Fluffy Pumpkin Dessert will be a hit at a Halloween party or as a special snack for your little ghouls and goblins. Dreamy Orange Shakes, made by combining orange juice and whipped topping in a blender, add to the colorful holiday treat.

CONFETTI POPCORN

2 tablespoons butter
2 cups sugar
1 cup water
1 teaspoon vanilla
vegetable color
fresh popcorn

Cook butter, sugar and water over low heat until sugar dissolves. Mix until it boils, stirring to prevent burning. Cook until a small amount cracks when dropped into cold water, about 20 minutes or more. Take off the burner and add vanilla. Add desired vegetable coloring. Pour over popcorn in bowl. Mix until popcorn separates. Cool.

Betty Biehl
Mertztown

CHEDDAR CHEESE PUMPKIN

2 cups shredded cheddar cheese, at room temperature
1 package (3 oz.) cream cheese, softened
1/2 cup finely chopped salted peanuts
1/4 cup shredded carrot
2 tablespoons minced red onion
1/8 teaspoon dill weed

Beat cheeses until well blended. Stir in remaining ingredients. Chill one hour for ease in handling. Shape to form a pumpkin. Cover and chill one to two hours to blend flavors. Just before serving, insert a piece of green pepper in top for stem.

STONE JAR MOLASSES COOKIES

1 cup molasses, heated to boiling point
1/2 cup shortening
1 teaspoon baking soda
2 1/4 cup flour
1 3/4 teaspoon baking powder
1 teaspoon salt
1 1/2 teaspoon ginger

Chill dough, roll out very thin. Cut into desired shapes. Place on lightly greased baking sheet. Bake until set. I use my round cookie cutter to make Halloween faces.

Betty Biehl
Mertztown

Cook's Question Corner

QUESTION - I'm wondering if you could find a "bought ketchup" recipe for me. Bought ketchup just has a certain tast they my homemade ketchup does not have.

Fannie Fisher

QUESTION - Does anyone have a recipe for apples a la mode? It is apples cooked with a sauce and served warm with ice cream on top. The sauce may have water, flour, sugar and cinnamon in it.

Jane L. Keeny
New Freedom

Recipe Topics

October	
29	Warm Up with Soup
November	
5	Make Room for Mushrooms
12	Thanksgiving Dinner Favorites

Featured Recipe

Although Betty Orendo is busy as the Queen of the Pa. Flying Farmers and the administrator of the practical nursing department at the Lebanon Area Vo-Tech School, she still has time to celebrate the Halloween holiday.

Betty shared a recipe with us which she says is great for after a hayride on a cool fall night or after a party.

"Just have them ready to stick in the oven," Betty said. "They go great with apple cider."

Read about Betty's adventures on page B22

Betty's Sandwiches

Equal parts of corned beef and white American cheese
½ cup olives
2 tablespoons minced onion
1 teaspoon Worcestershire sauce
1 tablespoon green pepper, minced
¾ cup ketchup

Mix together and spread on rolls. Wrap in foil. Bake 15 to 20 minutes at 350 degrees.

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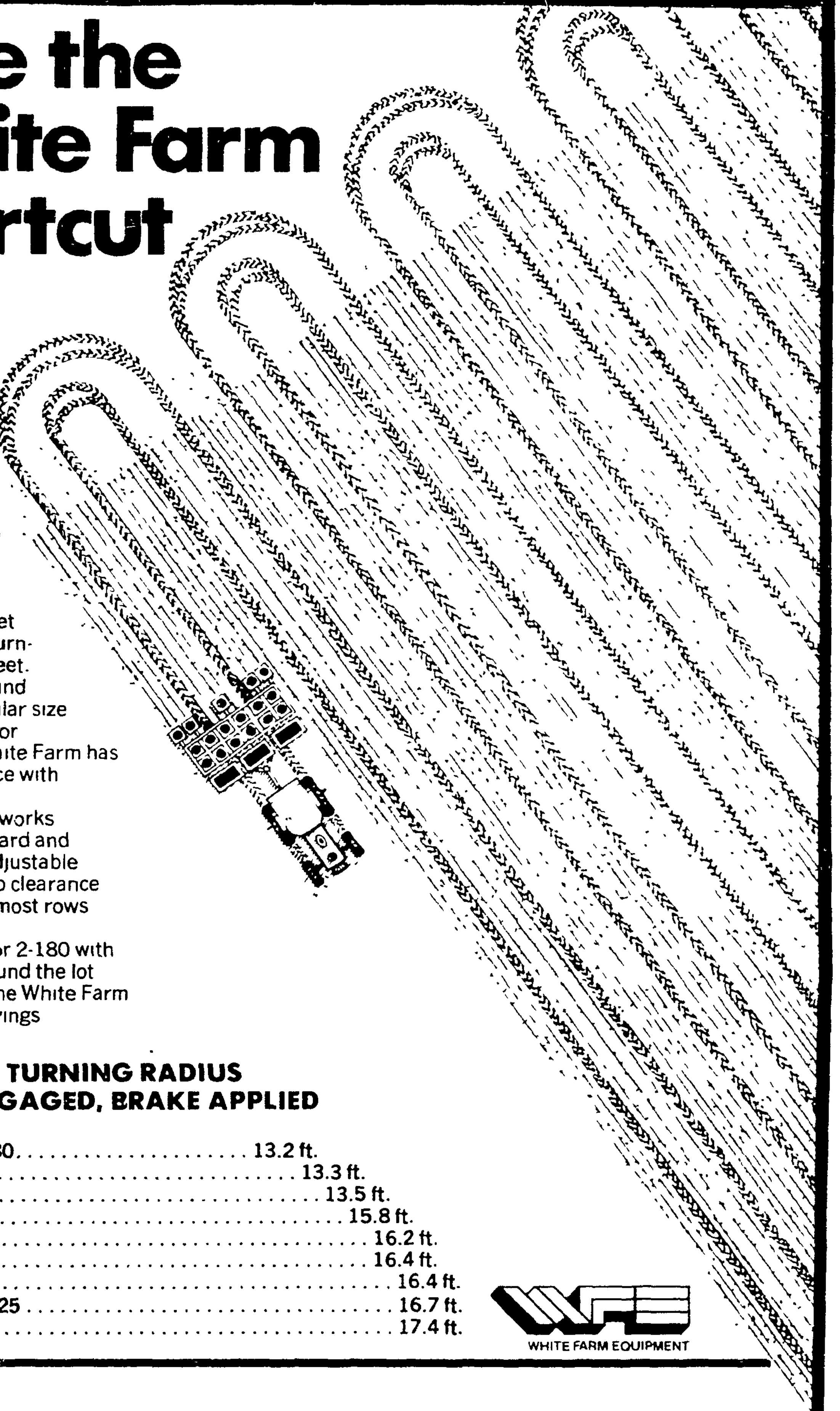

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On being a farm wife -And other hazards

Joyce Bupp

Remember that old fairy tale about King Midas? Everything he touched turned to gold.

Sure, maybe that's possible with kings in fairy tales, but in real life, it's far more likely that everything this poor peasant farm wife touches will break.

Item: the faithful typewriter that fizzled out in the middle of a sentence - and as you may recall, cost $45 per to repair.

Item: Peasant's trusty steed came up lame, with a clunk and a wobble as a wheel bearing grinded into bits. Blessedly, the final gasp and accompanying near loss of brakes climaxed while turning into the church parking lot.

(And once again we are grateful for the Omnipotent Man Upstairs who truly does watch over us hapless souls.)

Towed away and repaied by the garage in which we should now own half interest, due to a wealth of pickup and auto operations in past months, the faithful four-wheeled horses have been re-shoed.

"Gee, we only do 10 or 12 of these wheel bearing jobs in a whole year," confided the dependable manager who routed the job through so it would be returned by a certain day it was sorely needed.

Should I feel fortunate to be among so select a group?

Item: World Series Game #3. Each team with one win. TV will not hold picture. Flips constantly. Missed the Birds win. And the next. And the next.

Only consolation is that they did win.

Day after series was wrapped up, TV repairman arrived. Shook head. (Any time a repairman shakes his head you're in trouble.) May have to cart set to TV hospital.

On hunch, repairman checks one final piece. Viola! Fixed!

Missed the Series due to one tiny half-inch plastic diode. Made in England. If I send it to Boston, will someone toss it to the bottom of the harbor with the tea?

Item: Dampest day of the entire fall. Family has shipped every item of clothing in the house to the laundry room.

Dryer spins. Sends out cold air. More cold air. No heat. No dry clothing.

TV repairman has employee who also repairs dryers.

King Midas, where are you when I need you the most?

Beekeeper meeting set

FRACKVILLE — Beekeepers and individuals interested in apiculture are invited to a program sponsored by the Schuylkill County Cooperative Extension Service and the Schuylkill County Beekeepers Association. President of the association, Frank Peron will discuss fall management of bee hives. Also, Schuylkill County Ag Days and program planning for 1984 will be discussed.

The meeting will be held Thursday 1983 at 7:30 p.m. in the Community Room at the Schuylkill Mall, one mile south of Frackville on Rt. 61.

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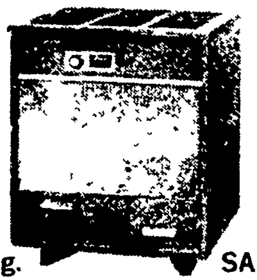

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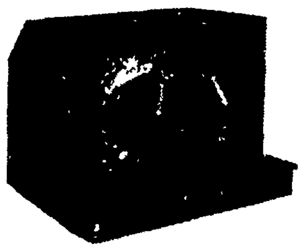

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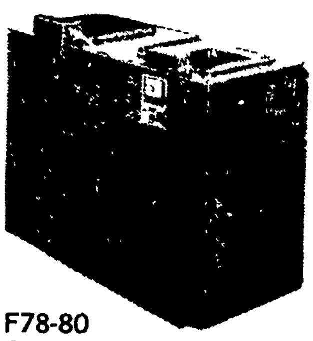

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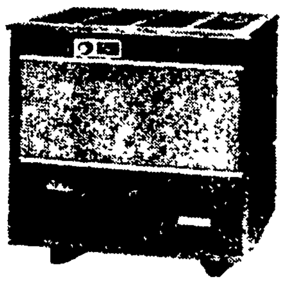

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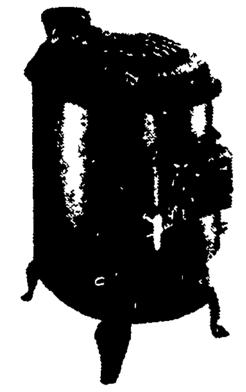

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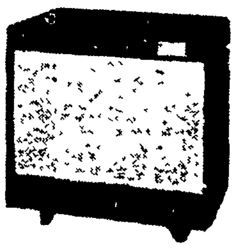

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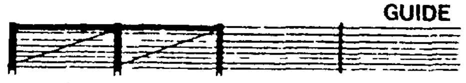

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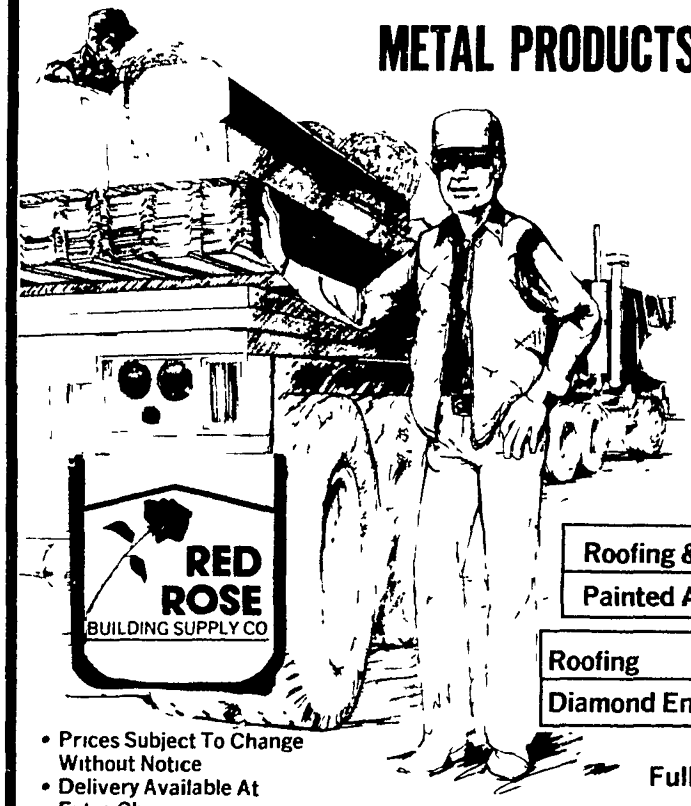

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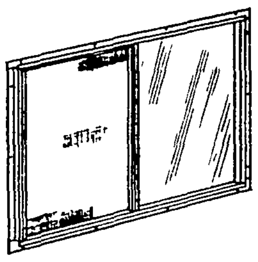

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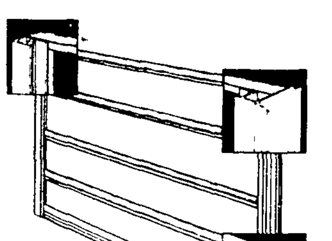

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Maryland Teams Succeed in Dairy Judging

COLLEGE PARK, Md. — Three Howard county teen-agers led Maryland to runnerup honors in the over-all standings among 36 state teams during this year's national 4-H dairy cattle judging contest, held October 5 at Madison, Wis., in conjunction with the World Dairy Expo and the National 4-H Dairy Conference.

The University of Maryland finished a respectable 12th among 35 teams in national intercollegiate dairy cattle judging competition at the same time and place.

Maryland's 4-H team was third in the oral reasons category; tied for first with Ohio in Guersney breed judging; placed sixth in both Brown Swiss and Holstein judging, and finished eighth in the Ayrshire breed category.

Team member Chris Hill, 17, of Daisy, proved to be the most consistent judge on this year's Maryland 4-H team. He finished fourth in the over-all individual 4-H standings at Madison, repeating his performance of September 26 during the Pennsylvania All-American Dairy Show at Harrisburg.

In addition to finishing fourth overall, Chris Hill was fourth in Brown Swiss breed judging, seventh in Ayrshires, 15th in Holsteins, and 16th in oral reasons.

Teammate Julie Walbert, 15, Clarksville, tied for second in Guernsey breed judging and was 19th in Ayrshires. She placed 20th in the over-all individual 4-H standings.

Michael C. Iager, 16, Fulton, placed 20th among all individual 4-H contestants in Holstein breed judging. He was 29th in the overall standings.

Kelly Shaw, 16, Fairplay, was the alternative member of the Maryland 4-H team. She placed 23rd among all contestants in Guernsey breed judging.

The University of Maryland's 12th place finish in collegiate competition was its best showing since 1977, when that year's team tied for sixth in the national contest. This year's Maryland team was sixth in Ayrshire and Brown Swiss breed judging, and ninth in oral reasons.

Team member Mike Allen, Broad Run, an animal science junior, tied for sixth among all individuals in intercollegiate Ayrshire breed judging; he tied for 14th in oral reasons and 18th in the over-all standings.

Julie Amos, of Street, a dairy science senior, tied for 13th in Brown Swiss and 16th in Guernsey breed judging. Terry Suddath, of Etchison, an agricultural education sophomore, tied for 27th in Brown Swiss judging.

The fourth member of the Maryland collegiate team was Mark Hill, of Kennedyville, an agricultural and resource economics junior.

Coaching both the Maryland 4-H and collegiate dairy cattle judging teams was Dr. J. Lee Majeskie, Beltsville, an Extension herd management specialist and associate professor of dairy science at the University of Maryland, College Park. His wife, Sapienza Majeskie, served as chaperone.

Assistant team coach was Darryl W. Walker, Browningsville, an Upper Montgomery County dairy farmer. A University of Maryland graduate, Walker led the 1970 Maryland team to victories in collegiate dairy cattle judging competition both at West Springfield, Mass., and Harrisburg.

Students Listed in Who's Who

NEWARK, Del. — Seven agriculture students at the University of Delaware have been selected for mention in the 1984 edition of Who's Who Among Students in American Universities and Colleges. They are: William Reily Brown, III, Camden-Wyoming; Michele Denise Davis; New Castle; Sharon Marie Gill, West Chester, Pa.; Jonathan Brooks Harcum, Laurel; Holly Gay Roland, Viola; and Randall Dean Shippy, Newark.

The campus nominating committee and editors of the directory selected the students on the basis of academic achievement, service to the community, leadership in extracurricular activities, and potential for continued success. They join an elite group of students selected from more than 1,500 institutions of higher learning in all 50 states, the District of Columbia, and several foreign nations.

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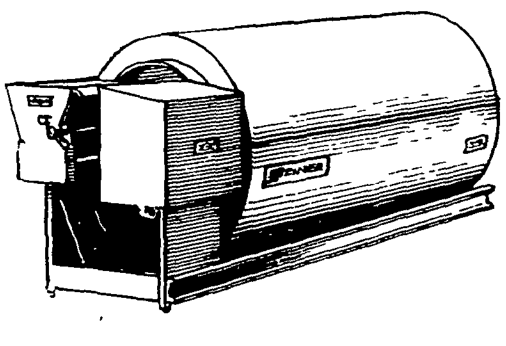

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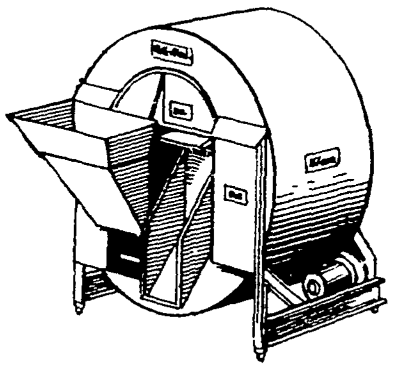

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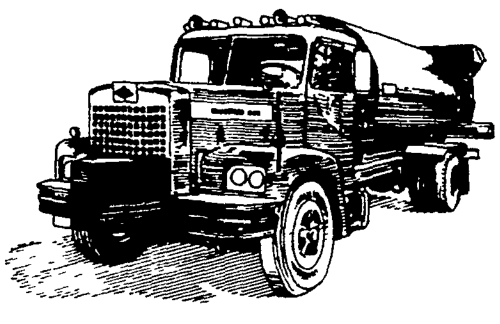

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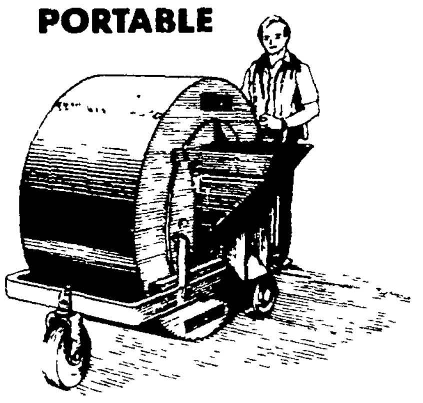

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Kid's Korner

Have You Seen a Gumberoo?

LANCASTER — As Halloween rolls around, many little monsters, ghosts and goblins will be wandering the streets. Before you dress up in your costume, read about the monsters other people claim to have seen in the woods.

Folklorists have been delighted for years by the tall tales told by the American lumberjack.

In 1910 William T. Cox, who was Minnesota's first state forester and later its first conservation commissioner, collected the tales of the lumberjacks in the tongue-in-cheek volume entitled "Fearsome Creatures of the Lumberwoods."

Walker D. Wyman, a historian at the University of Wisconsin, River Falls, reprinted Cox's book as an appendix to his own book, "Mythical Creatures of the North Country," published in 1969. Among Cox's army were:

— The agropelter, which lives in a hollow tree, snaps off dead branches and hurls them with unerring accuracy at any unfortunate lumberjack who happens to pass by.

— The tripodero, which has two telescoping legs and a tail like a kangaroo; it can elevate itself to see over the brush and spot a potential meal 10 rods away.

— The gumberoo, a hungry creature that can devour a horse at one sitting, and which has a hide so impervious that any bullet striking it will bounce back and kill the hunter.

— The hodag, a slow, hairless, and intelligent creature whose natural food is the porcupine, which it traps by uprooting a tree and letting it fall on him.

Did You Know?

— In Namibia's Etosha National Park, the world's largest corral holds an estimated 80,000 mammals within a 500-mile-long wire fence, National Geographic reports. While blocking some migration routes, it also helps prevent animals from being shot for straying onto surrounding farms.

— Giant kelp, found in the cool coastal waters of the Pacific, Atlantic, and Indian Oceans, may grow as tall as 20-story buildings. One of the fastest growing plants in the world, it can increase in height by up to 2 feet a day.

By the start of the Revolutionary War, Philadelphia was the world's largest English-speaking city outside Britian.

— The marshmallow that we eat gets its name from the marshmallow plant, whose roots exude a sticky substance similar to raw egg whites. Europeans used to beat the substance and add sugar to make sweet treats, according to National Geographic World, but modern marshmallows owe their puffiness to other ingredients.

— Although they measure only 9 inches tall and less than 2 feet long, adult roadrunners can run as fast as 20 miles an hour, National Geographic says.

Find the Halloween Surprises

FUN BUG

by RANDS

HOW QUICKLY CAN YOU FIND THE WORDS LISTED BELOW ? The leftover letters spell the mystery word.

B	H	A	L	T	L	L
R	W	O	W	R	O	L
E	E	A	L	L	I	C
D	V	I	R	C	T	K
E	W	G	T	A	H	O
E	N	O	B	T	M	O
T	R	E	A	L	I	N

1. WITCH
2. CAT
3. BAT
4. GOBLIN
5. WARLOCK
6. DEVIL
7. TRICK
8. TREAT
9. MOON
10. BREW
11. TROLL
12. ?

__________________?
Mystery word

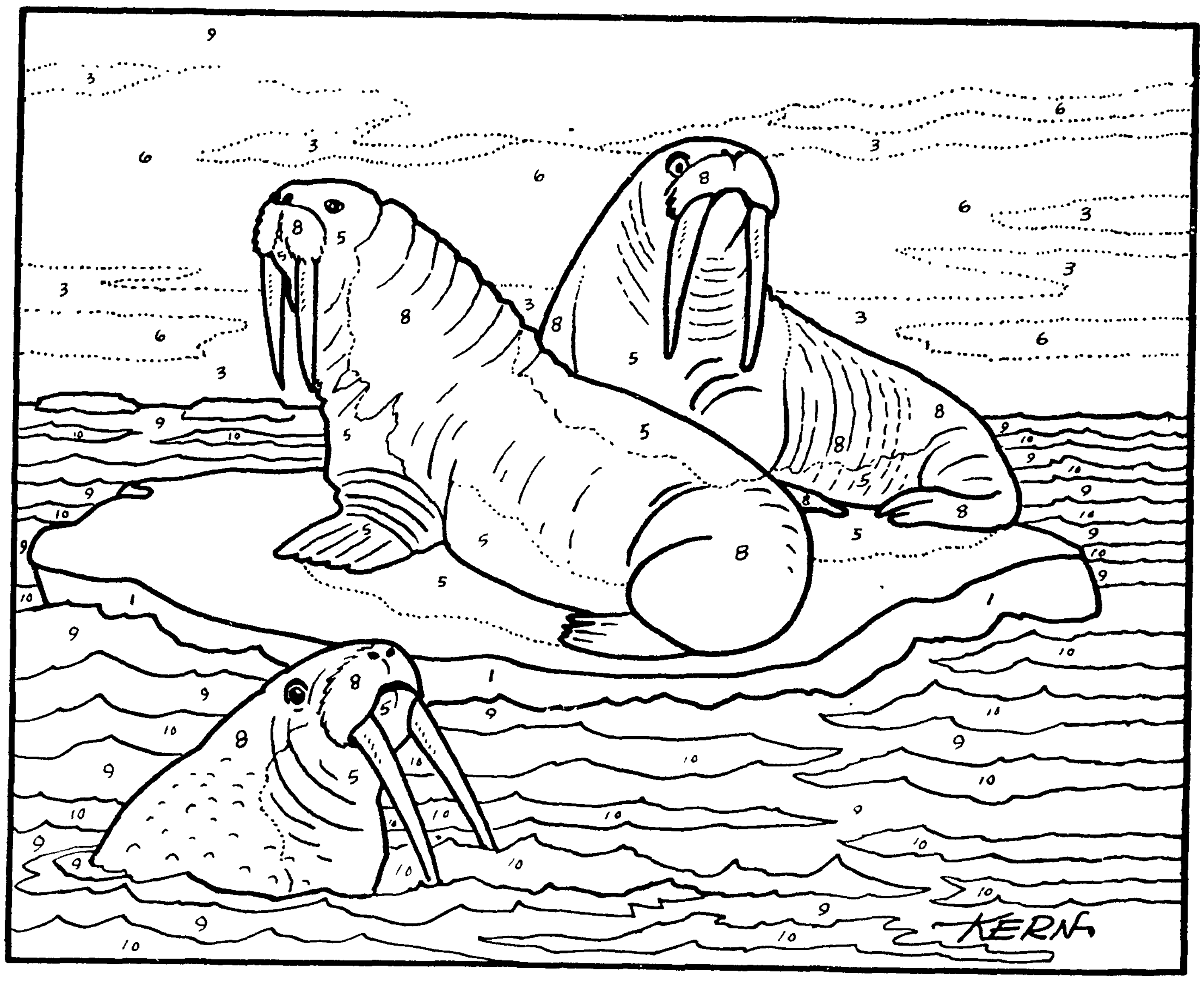
Al Smith Feature Service

10-4-83 ANSWER: HALLOWEEN

COLOR THIS!

1.	PEACH	6.	PINK
2.	RED	7.	GREEN
3.	YELLOW	8.	LT. BROWN
4.	BLUE	9.	LT. BLUE
5.	BROWN	10.	LT. GREEN

WALRUS- THERE ARE MANY FAMILIES OF FLESH-EATING MAMMALS FITTED FOR LIFE IN THE SEA. THEY ARE WALRUSES, SEA LIONS AND SEALS. THE MALE WALRUS HAS IVORY TUSKS THAT GROW TO THREE FEET LONG. THEY USE THEM FOR FIGHTING AND FOR DIGGING IN THE MUD FOR CLAMS. ESKIMOES HUNT THE WALRUS FOR THEIR THICK HIDES AND FOR FOOD. THEY USE THE TUSKS FOR CARVING TOOLS AND ORNAMENTS. 5-28-'81



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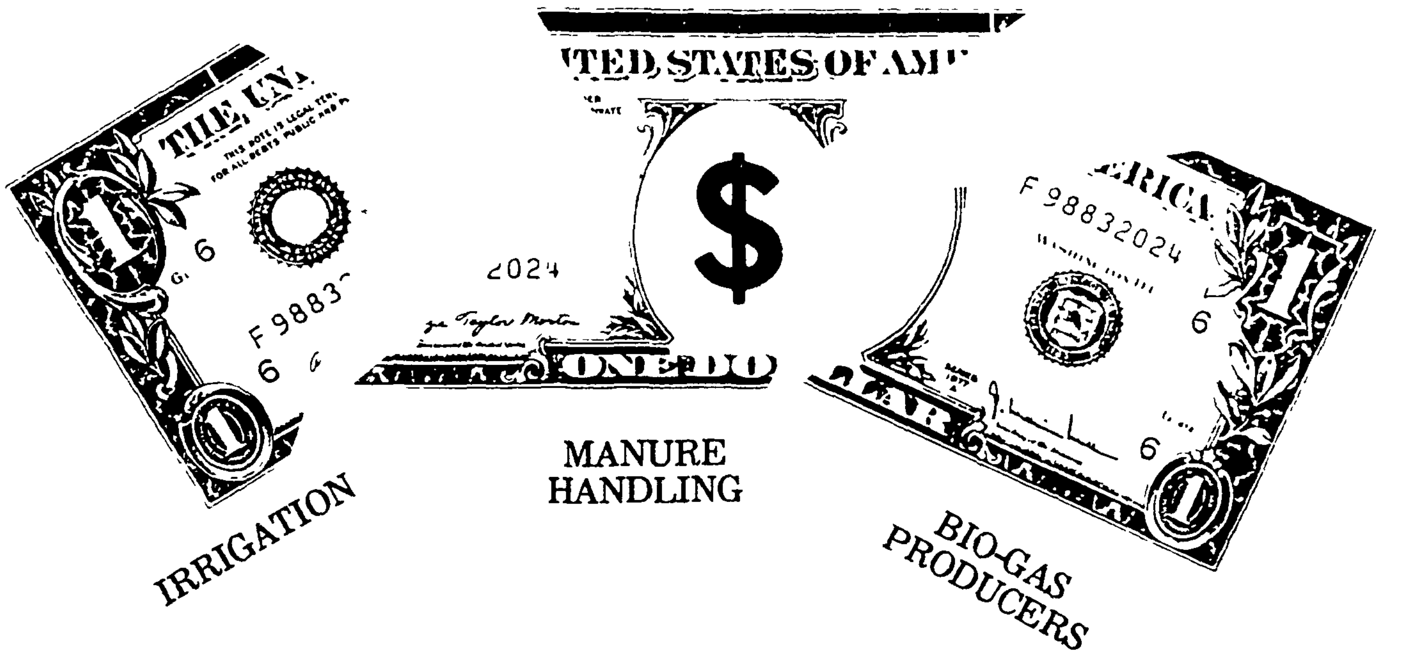

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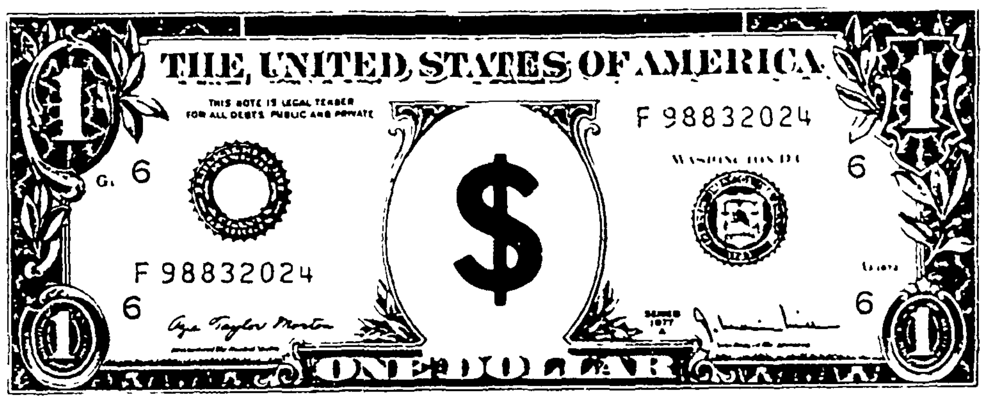

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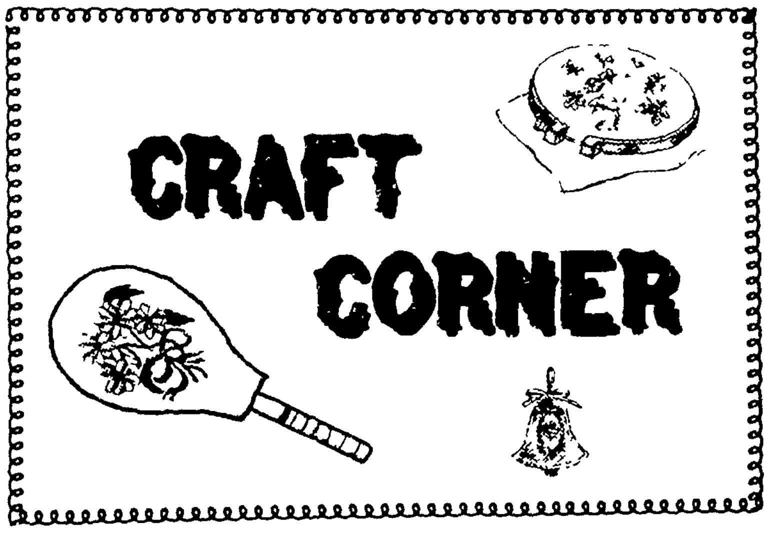


Cross-stitching:

To count or not to count

If you're looking for a craft with a country flavor, why not sample cross-stitching? The craft is easy to learn, whether you count threads and follow a chart or stitch over a pre-printed design.

Since both methods are relatively easy only the stitcher can decide whether "to count or not to count." With kits and supplies for both methods available, you can make an attractive sampler either way.

Whether you work from a kit, or cross-stitch on your own, however, the sampler is an ideal project. It is a source of warmth in the home and an ideal gift for a friend.

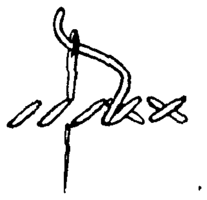
In the past, samplers were quite literally samples of stitches, alphabets and designs. They were made by every school girl and used as reference guides for needlework.

As samplers evolved, they became more and more decorative. They commemorated births, recited prayers, and expressed messages of welcome and friendship.

Today's samplers feature almost any sayings and designs. "Welcome to our home" and "Friendship is to people what sunshine is to flowers" are just two examples. Today, the alternatives in samplers and cross-stitching are unlimited.

If you wish to try cross-stitching on your own, the following directions show how to draw your own design on special cross-stitch fabric and then stitch over the design.

MATERIALS: "Aida," "hardanger" or other even-weave cloth from your local craft, needlework or fabric shop; needle; embroidery floss; pencil; paper; ruler; colored markers; dressmaker's carbon paper; scissors. Optional: embroidery hoop.



DESIGN: 1. Draw or trace a design onto paper. 2. To copy a large design from a book or magazine, reduce according to directions below.

REDUCING DESIGN: 1. Draw a graph over your large design. Draw another graph on smaller paper with the same number of boxes. 2. Fill each square of your smaller graph with whatever is in the corresponding square of the larger design. 3. Color in the reduced designs.

PREPARATION: 1. Using dressmaker's carbon paper, trace design onto fabric. 2. Position fabric in embroidery hoop. 3. Thread needle with two strands of floss.

STITCHING: 1. Stitch your design with cross-stitches as illustrated (a). 2. Use colors of floss to correspond with colors in your design. 3. Stitch over intersections in fabric where horizontal and vertical threads meet. 4. Do not knot ends. Instead, hide ends by running them through stitches on back of fabric.

HINTS: 1. Remove needle and hoop when not stitching. Otherwise, fabric may get permanent holes and creases. 2. Don't jump too far from one area to another. Instead, end off and begin again in new areas. 3. Dry clean finished cross-stitching to remove all traces of dressmaker's carbon paper.

Craft Classes Scheduled at Museum

LANCASTER — Craft classes will be held at the Pennsylvania Farm Museum during November. Public registration begins October 19 and continues until Nov. 1. Members of the Landis Valley Associates may enroll in classes at the October Associates meeting.

The following courses will be offered during November: Applique Quilting; Doris Riexinger, Monday evenings, November 7, 14, 21, 28 from 7:00 p.m. to 9:00 p.m.; Applique Quilting; Doris Riexinger, Tuesday afternoons, November 8, 15, 22, 29 from 1:00 p.m. to 3:00 p.m.; Canvas Embroidery; Donna Horst, Wednesday evenings, November 2, 9, 16, 23 from 7:00 p.m. to 9:00 p.m.; Conservation and Restoration of Antiques; Clair Garman, Wednesday evenings, November 2, 9, 16, 23 from 7:00 p.m. to 9:00 p.m.

Chair Caning; Hazel Riggs, Tuesday mornings, November 1, 8, 15, 22 from 10:00 a.m. to noon; Fraktur; Rosalia Smith, Tuesday evenings, November 1, 8, 15, 22 from 7:00 p.m. to 9:00 p.m.; Rug Braiding; Mae Breneman, Wednesday mornings, November 2, 9, 16, 23 from 9:30 a.m. to 11:30 a.m.; Rug Hooking; Maud Zane, Wednesday mornings, November 2, 9, 16, 23 from 10:00 a.m. to noon; Rye Straw Basketry; Steve Miller, Thursday mornings, November 3, 10, 17, December 1 from 10:00 a.m. to noon.

Splint Basketry I; Bill Oosterman, Monday evenings, November 7, 14, from 5:30 p.m. to 9:30 p.m.; Splint Basketry I; Bill Oosterman, Tuesday afternoons, November 8, 15 from 1:00 p.m. to 5:00 p.m.; Tinsmithing I; Eugene Smith, Saturday mornings, November 5, 12 from 8:30 a.m. - 12:30 p.m.; Wood Graining; Marge Yoder, Saturday morning, November 12 from 9:00 a.m. - 3:00 p.m.

The registration fee is $15 per course, payable to the Landis Valley Associates. Most classes also charge a materials fee ranging from $1 to $20.

Register at the Farm Museum office or by mail, beginning October 19. The Museum will be open Tuesday through Saturday from 9:00 a.m. until 5:00 p.m. and Sunday 12:00 noon until 5:00 p.m. For additional information, please call or visit the Pennsylvania Farm Museum 2451 Kissel Hill Road, Lancaster, PA 17601.

FWS Calendar

Saturday, Oct. 22

Lancaster Society 32 meets at the farm of Nancy Martin for a Couples Harvest Party.

Lancaster Society 4 meets with Catherine Brubaker for a hobo party.

Wednesday, Oct. 26

Lancaster Society 24 will sponsor a party with their husbands.

Thursday, Oct. 27

Lancaster Society 28 meets to hear a dietitian from Lancaster Osteopathic Hospital.

Lancaster Society 11 meets at the home of Margaret Swarr.

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(2) 325/327 2-Row Narrow Cornpickers w/12 Roll Husking Bed	$11,650
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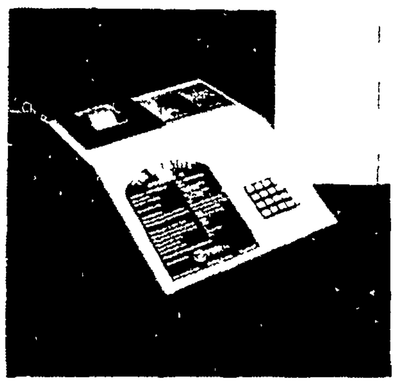

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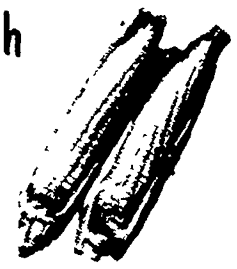

For the avid gardener

Control Home Garden Pests

Take steps now to control home garden pests, and the plot should be more productive next year, says University of Delaware Extension Plant Pathologist Bob Mulrooney. Paper and a pen can be two of the most important fall gardening tools.

"Good gardeners take this time to reflect and make notes about the past season's successes and failures," he says. "Without such reminders it's easy to forget about the ravages of insects and diseases, and the plants that never produced."

Mulrooney advises home gardeners to keep a record of the varieties that pleased — or displeased them. Note which insects were particularly bothersome. Did Mexican bean beetles get more beans than the dinner table? Were leaf miners a problem in beets, chard or spinach? Did tomato worms tunnel half the tomatoes in the patch?

Also note which plant diseases gave trouble. Did the cucumbers suffer from bacterial wilt? Did some kinds of tomatoes do better than others under disease pressures like virus or wilt? Was mildew a problem on melons?

Control of such problems next year depends in large part on correct identification of each disease and insect pest problem that occurred this year, the specialist says.

"If you know your tomatoes died from wilt, for example, your notes to that effect will remind you to buy seed or plants of resistant varieties next spring. Variety selection and crop rotation in your garden will help reduce these and other disease losses," he says.

"You also can act now to reduce the future possibility of plant diseases," Mulrooney says. Don't leave old dead or dying plants in the garden over winter — they're excellent reservoirs of fungi and insects. Instead, rototill or spade them under for organic matter. Or compost them if they're not badly diseased or insect-damaged. Destroy them, however, if they're badly diseased.

The specialist says to avoid composting tomato, eggplant or cantaloupe plants that have died from fusarium or verticillium wilt, as these fungi produce resistant overwintering structures which won't be killed by the composting process.

Keep weeds controlled now, too. These weeds will be producing thousands of seeds, the potential for a veritable weed patch next year. Weeds also harbor insects and reduce air circulation around plants, predisposing them to diseases. And some weeds are sources of viruses which can be transmitted to garden plants.

Good disease prevention starts with healthy plants that have all the soil nutrients they need. Have garden soil tested this fall or early next spring to determine nutrients and proper pH levels. Lime applied now will have more time to react and restore the proper pH for next year's garden.

"Take these steps now," Mulrooney says, "and you'll be a jump ahead of the bugs and plant diseases next spring."

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The 1983 Berks County Grand Champion Market Steer was shown by Matt Harley, R2, Douglassville, and sold to D'Angelo General Contracting for $1.31 per pound.

The two top steers were raised and shown by a brother-sister team. Matt and Michele Harley, R2, Douglassville, hate to see their steers sold but will be using their money for a school trip to Germany.

4-H'ers Hold Beef Round-Up

BY ROBIN PHILLIPS
Staff Correspondent

LEESPORT — Berks County 4-H beef exhibitors culminated their year on October 12 with their annual round-up and market steer sale at the Leesport Auction, Leesport.

Twenty-seven youth paraded their prime beef to judge Sam Hunter, Smithburg, Md. Hunter, a Penn State graduate, is manager of the polled Hereford operation at Huckeberry Hall Farm. Surprising many of the juniors with his placings, Hunter placed more emphasis on finish instead of on size and scale.

"He judged more on the meatier type frame...he more or less went for the beefier type of steer," stated Shirley Stricker, Berks Beef Club leader. She concluded that all summer the taller, lankier steers were winning. Today's winner is more what the butchers are looking for.

Taking the top honors in the show and top money in the sale was a brother and sister duo from Douglassville. Matt Harley and his 1300-pound "Houdini" were nodded the Grand Championship, while his 15-year-old sister, Michele, received the Reserve Championship ribbons.

Eleven-year-old Matt is the son of Mr. and Mrs. Charles Harley, R2, Douglassville. Matt and his family live on a small farm and rent a barn nearby for the 4-H projects and his family's small beef operation. They attend all the local fairs with today's round-up being the highest achievement Matt and Michele have achieved all summer.

"It's one way the whole family goes together," Mrs. Harley explained concerning her children's involvement in 4-H and in the showing.

Matt received $1.31 per pound for his champion steer, while Michele received 78 cents for her animal. D'Angelo General Contracting, Bryn Mawr, purchased the Grand Champion and Peters Brothers Meats, Lenhartsville, took home the Reserve Champion.

There were 29 steers sold for an average price of 75 cents per pound. One other steer surpassed the $1 bid and sold for $1.30 per pound. The Reserve Champion Heavyweight belonging to Lynn Lorah, R2, Oley, was purchased by Leesport Market and Auction, Leesport. The 1195-pound Champion Lightweight steer, "E.T.," was purchased by Farmer Browns Market, Kutztown, for 81 cents and it was announced that the entire carcass will be chanced off with tickets at the market.

The sale was well supported by many local buyers as well as buyers from New Tripoli, Lehighton, Souderton, and New Jersey.

Fitting and Showmanship results were: Senior Division: Fitting - 1. Kirk Fisher, 2. Carol Strause, 3. Karen Rabenold. Showing - 1. Michele Harley, 2. Kirk Fisher, 3. Carol Strause.

Intermediate Division - Fitting - 1. Lori Rabenold, 2. Kent Fisher, 3. Andy Haas. Showing - 1. Andy Haas, 2. Lori Rabenold, 3. Kent Fisher.

Junior Division - Fitting - 1. Matt Harley, 2. Dwight Zook, 3. Travis Werley. Showing - 1. Travis Werley, 2. Matt Harley, 3. Alice Strause.

Market Steer Classes: Champion Lightweight - Lori Rabenold, R2, Kutztown; Reserve - Travis Werley, Shoemakerville; Champion Medium Weight - Michele Harley, R2, Douglassville; Reserve - Dwight Zook, R2, Oley.

(Turn to Page B16)

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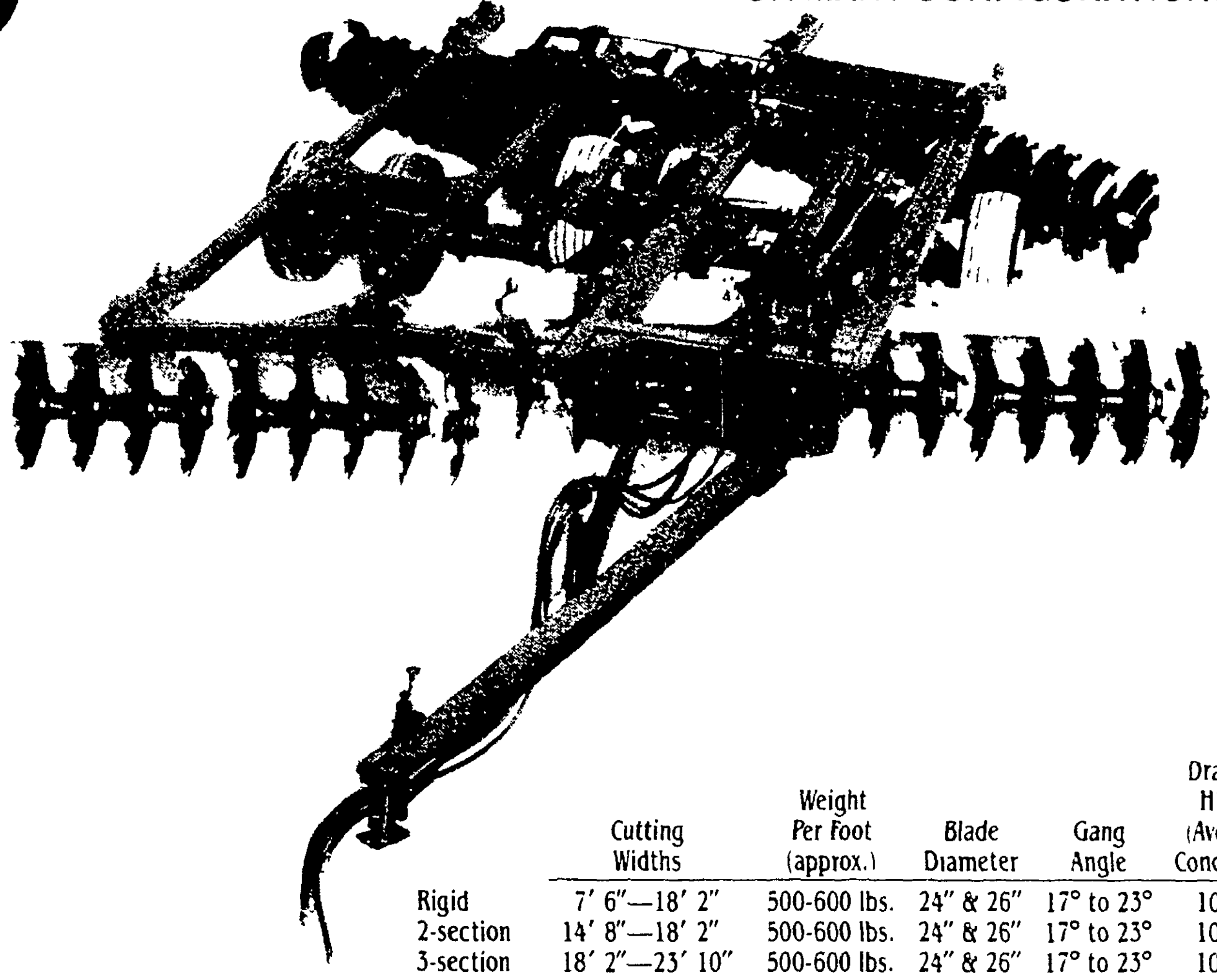

	Cutting Widths	Weight Per Foot (approx.)	Blade Diameter	Gang Angle	Drawbar HP/FT (Average Condition)
Rigid	7′ 6″—18′ 2″	500-600 lbs.	24″ & 26″	17° to 23°	10 HP
2-section	14′ 8″—18′ 2″	500-600 lbs.	24″ & 26″	17° to 23°	10 HP
3-section	18′ 2″—23′ 10″	500-600 lbs.	24″ & 26″	17° to 23°	10 HP

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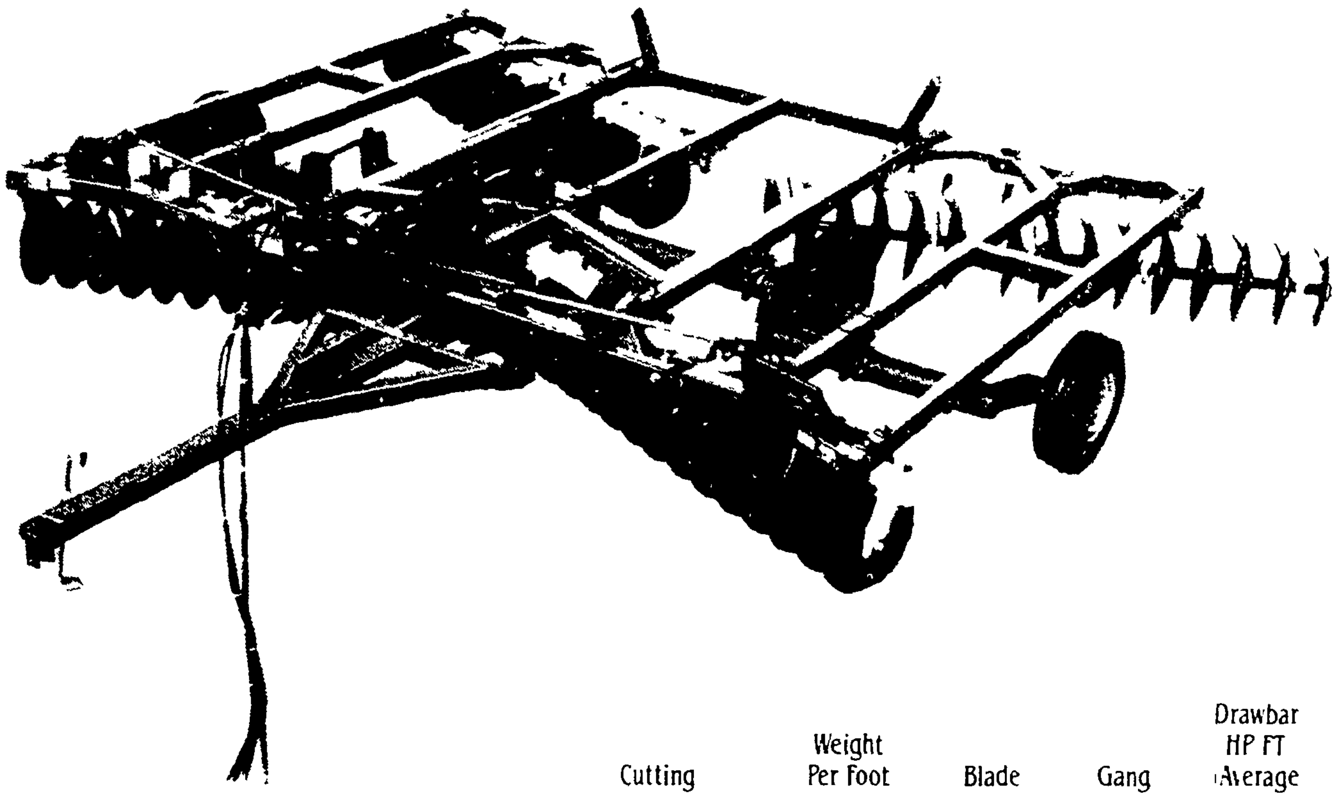


	Cutting Widths	Weight Per Foot (approx.)	Blade Diameter	Gang Angle	Drawbar HP FT (Average Condition)
Rigid	11′ 1″—16′ 2″	300-350 lbs.	20″ & 22″	20° fixed	6 HP
3-section	17′ 6″—30′ 3″	300-350 lbs.	20″ & 22″	20° fixed	6 HP

Ida's Notebook

Ida Risser

Today is a rainy day, and so I hunted one of my diaries that I wrote in the 1950's. After reading it for two hours, I felt as though I was in another world.

At that time, we had four small children. The oldest was seven and the youngest a few months old. Oh how busy those days were. Not only caring for the youngsters but also canning and freezing 20 quarts of beans and corn at a time.

There were so many trips to the doctor for shots and many times when they had colds and fevers. Then the nights when one couldn't get any sleep as they cried off and on all night long. Of course, there were accidents like falling off a big wood pile or pushing beans up their noses or playing in poison ivy.

The 2½-year-old was a little rascal and played in the car after he took the keys to unlock the trunk. He pulled up my gladiolas as he thought they were onions. He hosed my good rugs that were on the porch to be swept and took his Daddy's tools out of the tractor and lost them.

But then there were the good things like the clover blossoms that he brought me and the cake he beat for me. He asked me to put botties on the baby so she could go in the meadow with him and bring up the cows. And, when asked to check why his dog "Susie" was barking, he said, "Because she's a dog."

The children helped to work in the garden, clean the house and wash those perpetually dirty dishes. And, I'm amazed to read that sometimes I paid them 8 cents, 4 cents, or 1 cent according to their ages. We seemed to visit and have more visitors than we do today. It was a lot of work to get them "spick and span" for Sunday School and Church every Sunday.

I hope they have some pleasant memories of the tea parties on the front porch and the swimming in the Conestoga River and don't just remember all the work that they had to do.

Round-Up

(Continued from Page B14)

Champion Heavyweight - Matt Harley, R2, Douglassville; Reserve - Lynn Lorah, R2, Oley; Grand Champion - Matt Harley; Reserve - Michele Harley.

4-H'ers Participate in Engineering Event

NEWARK, Del. — Two 4-H'ers represented Delaware in the 33rd annual Eastern U.S. 4-H Engineering Event at Richmond, Va. David Hudson, of Milton, participated in the tractor event, and Amy Magargal, Landenberg, Pa., took part in the small tractor event. They were accompanied by Rodney Reynolds, Smyrna, who is a 4-H adult volunteer.

Hudson, son of James and Phyllis Hudson and a 4-H'er for nine years, has completed three 4-H tractor projects. He receives plenty of driving practice on his family's 400-acre home farm and through his local 4-H project training groups.

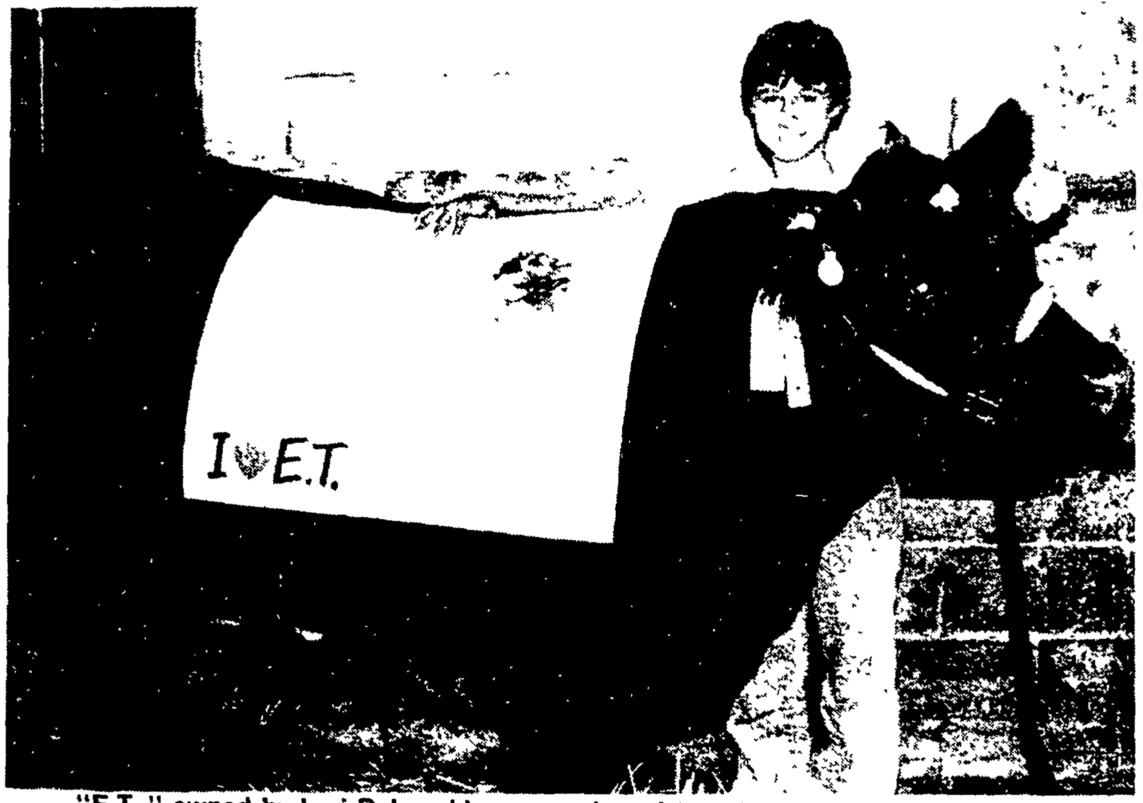
Amy Magargal is the daughter of Polly and Buck Magargal. She has been a 4-H member for eight years. Since enrolling in the compact tractor project last year, she has been working on her family's compact tractor at home and helping a younger 4-H member work on his.

Homemakers Day Scheduled

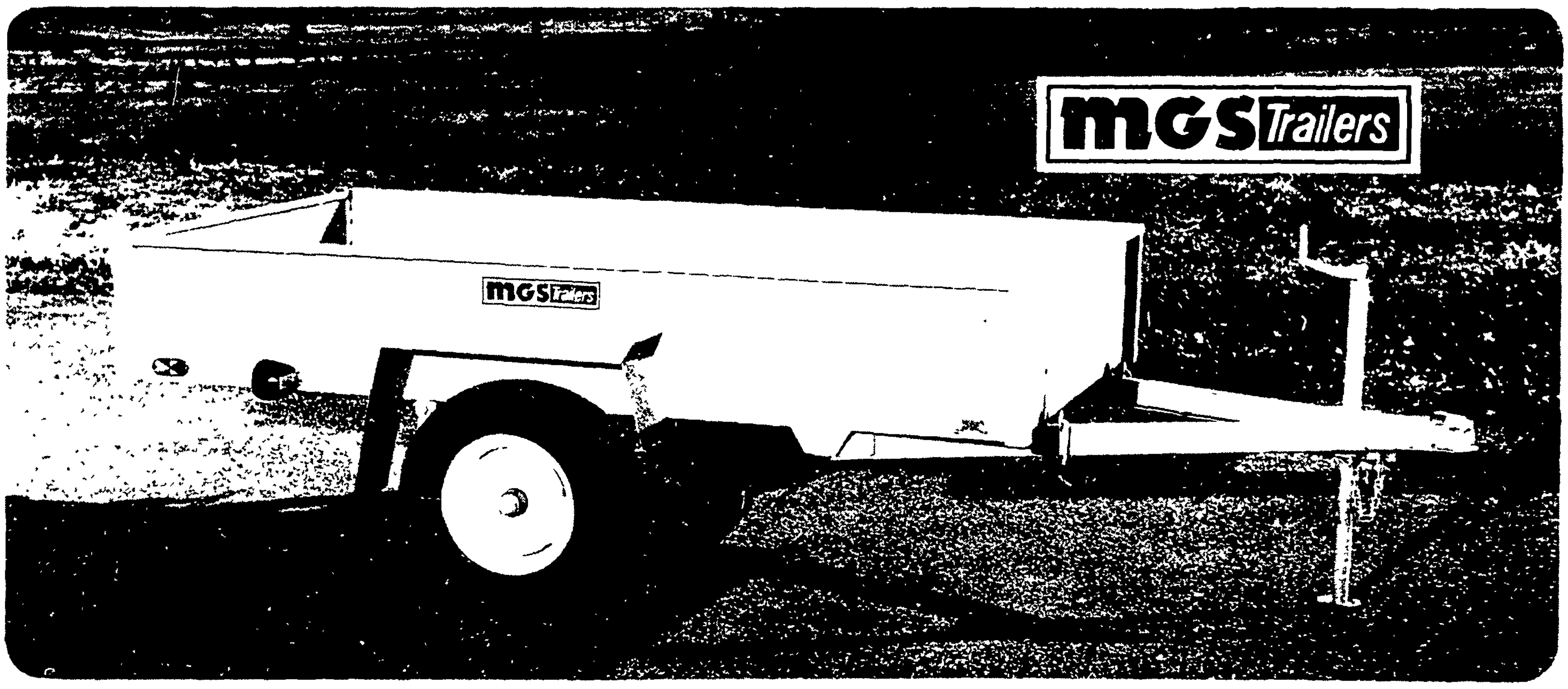
WEST CHESTER — The Chester County Cooperative Extension Service will hold its annual holiday program on November 10. The meeting is open to the public and sponsored by the Family Living Advisory Committee.

The speakers for the program are: Norman Baker, executive from Bell Telephone, who will discuss the services and changes of Bell Telephone on the individual; Cathy Lapp will demonstrate how you can debone a turkey for holiday meals; and Dorothy Dee Bailey and Mildred Cook will talk on the subject of "Greenland, It's Food and Family Customs."

A luncheon will be served and pre-registration is necessary by November 4, 1983. The program and luncheon will be held at the Black Angus Inn, Route 100 and 401, Eagle. For further information call the Extension Office at 696-3500.



"E.T.," owned by Lori Rabenold was purchased for 81 cents per pound and will be chanced off in a drawing at Farmer Browns Market, Kutztown.



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Lebanon Co. Recognizes Leaders

BY DONNA MC CONAUGHEY
Staff Correspondent

LEBANON — Lebanon county 4-H leaders met recently for their annual Recognition Banquet.

More than 150 adult leaders and 30 4-H volunteers were recognized by Linda Seigel, 4-H Extension agent. In appreciation of their enthusiastic service and leadership over the past year, each leader received a certificate and a copy of Ralph Waldo Emerson's definition of success.

Special recognition was given to Mrs. Lester Long, leader in the Campbelltown 4-H Variety Club, for 25 years of service. Also honored was twenty-sixth year leader, Roy Miller of the ELCO Dairy Club. The 1983 Lebanon county 4-H club leaders represent more than 960 years of volunteer service.

In addition to adult volunteers, "Friends of 4-H" are essential to the success of the 4-H program. Recognized for their contributions of $1000 or more were Hamilton Bank, and H & H Tack Shop of Annville. Also recognized for a contribution of $500 or more was Agway Farm and Home Center, and for $100 or more, Lebanon County Society of Farm Women and Mark C. Hershey Farms, Inc.

The speaker for the evening's event was Dan Shiner, a member of the Myerstown 4-H Raiders. An outstanding Pennsylvania 4-H member, Dan presented the speech he prepared for 4-H regional and state public speaking competition this year, entitled "The American Constitution: The Shield of Our Democracy."

Following the recognition ceremony the Lebanon County 4-H Leader's Organization discussed business which included amendments to the by-laws resulting in the group becoming directly affiliated with the Lebanon County 4-H Board of Directors.

Elected as officers for the 1983-1984 year were: President, Henry Smith; Vice President, Michelle Noll; Secretary, Sue Bomberger; Treasurer, Ken Sellers. Elected as representatives-at-large to the 4-H Board of Directors were Leon Arnold and Kim Binkley.

Lebanon County 4-H Agent Linda Siegel, right, presents a certificate of recognition to 4-H leaders, Martha Long of the Campbelltown 4-H Variety Club, left, for 25 years of service, and Roy Miller of the ELCO Dairy Club for 26 years of service. Dan Shiner, second from right, was the featured speaker for the Annual 4-H Leader's Recognition Banquet.

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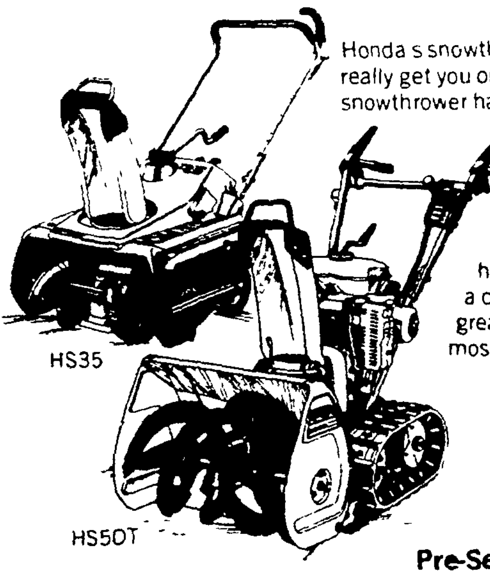

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Christmas Arrives Early in Lancaster

BY KIMBERLY HERR

LANCASTER — Christmas came early last Thursday to the 450 women who attended "Christmas in October" at the Farm and Home Center, where despite summer-like temperatures, the Christmas spirit was running high.

The program, which ran Thursday, Friday and Saturday, was kicked off Thursday morning by Audrey Hallgren who presented "Entertaining Ideas for the Holiday with Your Microwave." Audrey demonstrated how to make holiday goodies in your microwave, illustrating how some of them could be used as gifts.

In Audrey's booklet, which was distributed to each participant, she listed recipes for such items as Hot Fudge Sauce, Fruity Popcorn Treat, Merrie's Cocoa Mix and Peach Honey, which, according to Audrey, goes well with meat.

Following Audrey's presentation, Michelle Rodgers, Lancaster County home economist, and Karen J. Sandoe, Lebanon County home economist, took the stage for their presentation on "Traditions." They covered everything from Christmas balls to a Christmas wishbook. They spoke on old traditions and how to modernize those old traditions.

Explaining that the Christmas stocking tradition came from Holland, Michelle showed a quilted Christmas stocking, topped with a bit of old lace, blending the old with the new.

Another clever idea came from Karen, who suggested making sugar cookies on dowel rods. The cookies then look like lollipops, and Karen called them "Holiday Sugar Pops." She explained that this is a treat that is great for kids.

Another idea presented was the Christmas wishbook, in which every member of the family writes what they want for Christmas and their sizes on a page. The pages are then made into a booklet and decorated with Christmas designs. This helps families decide what to buy for gifts.

"Traditions need to blend and change over time," Michelle said.

She and Karen shared some holiday traditions that may be fun to start. Michelle suggested using a Christmas carol to rouse people out of bed in the morning. She explained how her mother would always play "Joy to the World" when it was time to wake up.

Karen suggested sharing the Christmas holiday with a shut-in neighbor or elderly relative. She also proposed planting seeds in the spring to replace the evergreen your family cut down for a Christmas tree.

After the "Tradition" presentation, another Lancaster County home economist took the stage. Doris Thomas presented "Quilted Christmas Decorations and Gifts." Doris opened her presentation by explaining that quilting parties were the forerunner of bridal showers.

Doris shared the patterns for a red and green felt Noel banner and a Christmas Star pillow, which she adapted into a wallhanging. A Christmas totebag, made by Doris, would make a great holiday gift.

Doris also made hotpads and sachet bags in the log cabin pattern. She explained how this pattern is always made with red or yellow in the center. The red stands for fire and the yellow for the glow. Doris said the dark colors represent the shadows in the cabin, and the light shades represent the light.

After three presentations on decorations or gifts, it was time for a presentation on something you could do for yourself. Barbara Emery took the stage with "Dressing for the Holidays."

Barbara, who went to modeling school at age 40, after raising four children, showed her audience how to adapt a red pantsuit into many different outfits. Using a plain beige dress, Barbara added scarves, sashes and shawls for another way to make many outfits out of one basic piece.

After Barbara's presentation, it was time for lunch, which was served by the Farm Women of Lancaster County and consisted of either salad or soup and sandwich. Dessert was five different flavors of ice cream pies.

After lunch, Sherry Kalbach brought the day to a close with her "St. Nick-Nacks" presentation.

"When you go to your garbage can, you will think of me," Sherry told her audience.

Sherry brought a garbage can with her to illustrate how what other people throw away, she saves to make a variety of interesting things.

With Sherry's touch, an old bamboo rake became a Santa Claus and a red child's snow shovel became a door decoration, complete with snow. An old work glove became five finger puppets, depicting the story of "Little Red Ridinghood."

Sherry, who admitted that she has enough Christmas ornaments to decorate four trees, illustrated how even old wishbones from chickens or turkeys could be painted gold, tied with a ribbon and used for a sentimental tree decoration, as each bone could represent a memorable dinner.

Throughout the program, various Farm Women Societies sponsored a bazaar in the basement. Homemade baked goods, Christmas decorations and handmade specialties were featured.

One of the women in the audience summed up her feelings about the program.

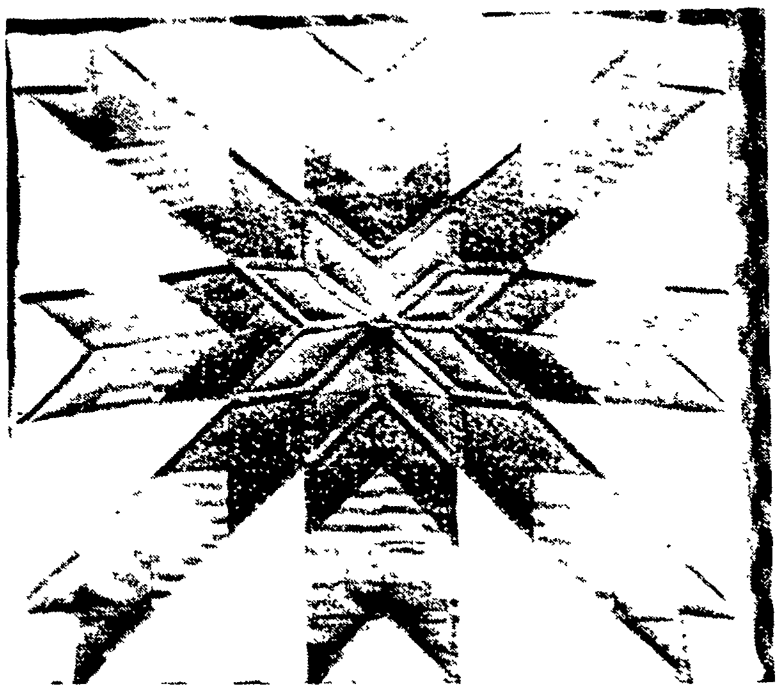
"You use what you have at home, you don't go out and buy things," Helen Barr, Landisville, said. "Every year they have something different."

Helen has been attending the "Christmas in October" programs for five years. Every year at Thanksgiving Helen takes her grandchildren to her mountain cabin, where the men hunt, and she and her granddaughter do crafts and sew. Helen comes to the program to find new things for her granddaughter to do.

"I always find something new for her to do here," Helen said.

One of the clever ideas thought up by Michelle Rodgers and Karen J. Sandoe, who presented a program on "Traditions," was the sugar cookie on a stick that serves as a lollipop. The home economists recommended displaying them where it is handy for small visitors to reach on their way out.

Sherry Kalbach brought lots of "trash" with her to "Christmas in October." Actually, what others consider trash is considered useful to Sherry, who can turn what others would throw away into beautiful handmade Christmas decorations.



This quilted Christmas Star was meant to be a pillow. Doris Thomas adapted it into a wallhanging. Those attending "Christmas in October" received Doris' pattern for the decoration.

Doris Thomas, Extension home economist, displayed a red and green felt banner at the recent "Christmas in October" at the Farm and Home Center. Doris' presentation was on quilted Christmas decorations and gifts.

Karen Sellers, outgoing president of Lebanon County Farm Women, presented a check to Don Shiner of the Ronald McDonald House at the recent county convention of Farm Women.

Lebanon Co. Farm Women Hold Convention

MYERSTOWN — The Lebanon County Farm Women held their 43rd convention on Oct. 12 at the Myerstown Church of the Brethren.

Outgoing President Karen Sellers reflected on her past two years as president, prior to the 1984-85 elections, which were conducted by Secretary Kyleen Bender. Results of the elections were: Barbara Grumbine, president; Catherine Schott, first vice president; Lorraine Yeager, second vice president; Kim Hitz, secretary; Fern Hitz, treasurer.

The group was reminded of the state convention which will be held Jan. 9 and 10 in Harrisburg. An offering was taken in honor of Farm Women Day to be given to the Ronald McDonald House in Hershey.

Entertainment for the day was the Lebanon High School Show Choir, which performed in the morning, and the Maranatha Players who gave a demonstration of "Daniel in the Lion's Den" in the afternoon.

Twenty-eight members 80 years old or older were recognized with a gold pin. The program concluded with the women singing "Brighten the Corner," the Farm Women's theme song.

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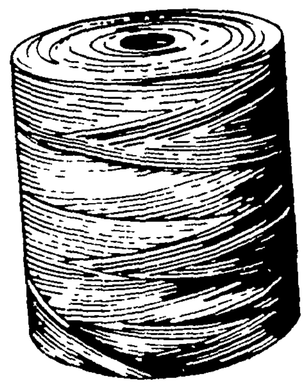

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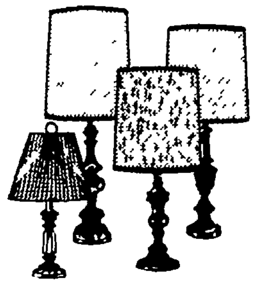
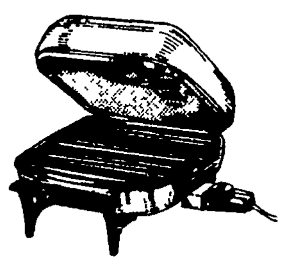
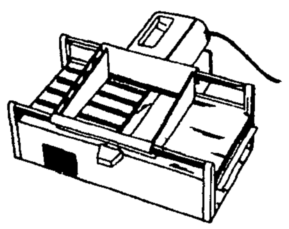
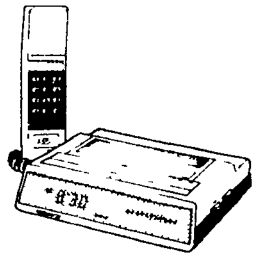
Premiums 1 to 5. Great!

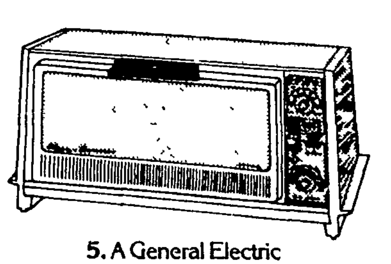
Invest: $5,000 in a 2½-year certificate, $3,200 in a 4-year certificate, or $1,800 in a 7-year certificate and select one of the following *great* premiums:


1. A Westwood Lamp (four models to choose from)


2. A Sunbeam Broiler Frypan #7-100

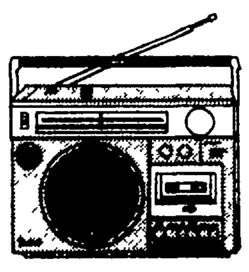

3. A Presto "Cut Up" Food Slicer #03810

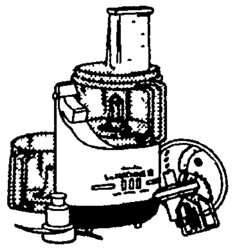

4. A Magnavox Clock Radio Phone #D2222

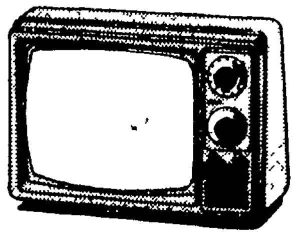

5. A General Electric Bake/Broil Toaster Oven #T131B

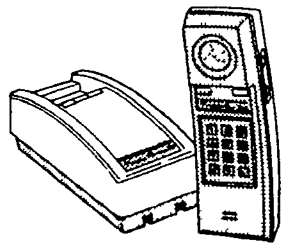
Premiums 6 to 10. Wonderful!

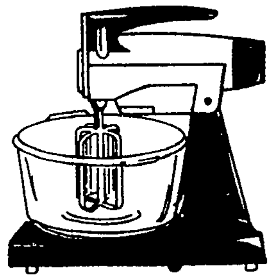
Invest: $7,700 in a 2½-year certificate, $4,800 in a 4-year certificate, or $2,800 in a 7-year certificate and select one of the following *wonderful* premiums:


6. A 1984 Sony AM/FM Cassette-Corder #CFM200


7. A Moulinex Food Processor #LM-3

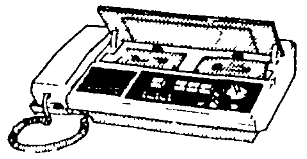

8. A 1984 RCA 12" Black and White TV #AJR120W

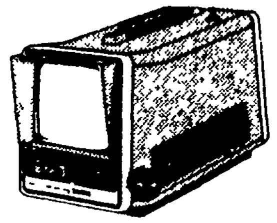

9. A Freedom Cordless Telephone #FF300

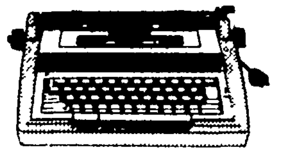

10. A Sunbeam Vista Mix Master #701-118

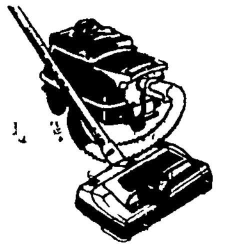
Premiums 11 to 17. Super!

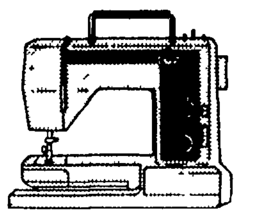
Invest: $18,000 in a 2½-year certificate, $11,300 in a 4-year certificate, or $6,400 in a 7-year certificate and select one of the following *super* premiums:

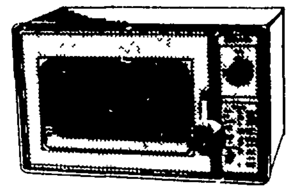

11. A Code A Phone Answering System with Phone #1090

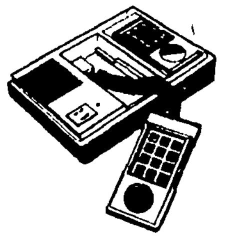

12. A 1984 Zenith 5" Black and White TV with AM/F[illegible]N052S


13. A 1984 Smith Corona Electric Portable #XT Enterprise


14. A 19[illegible] Eureka Canister Vac[illegible]m #1774

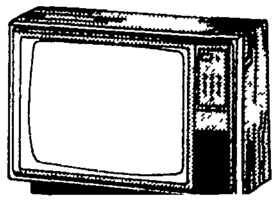

15. A White Elna Sewing Machine #999

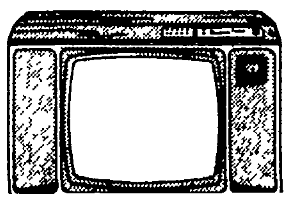

16. A 1984 Litton "G[illegible]ywhere" Microwave Oven [illegible]420

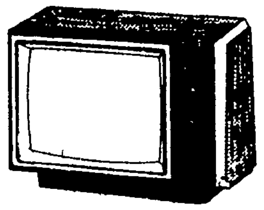

17. An Intellevision II with Atari Adapter, plus 3 video games

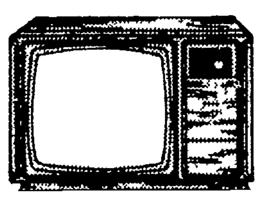
Premiums 18 to 24. Fantastic!

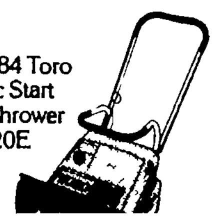
Invest: $40,000 in a 2½-year certificate, $25,000 in a 4-year certificate, or $15,000 in a 7-year certificate and select one of the following *fantastic* premiums:

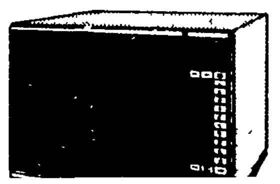


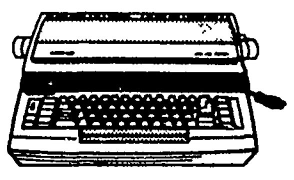







22. A 1984 Toro Electric Start Snow Thrower #620E





6. A 1984 Sony AM/FM Cassette-Corder #CFM200

7. A Moulinex Food Processor #LM-3

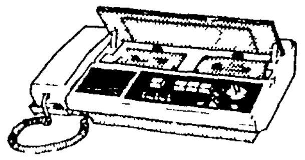
8. A 1984 RCA 12" Black and White TV #AJR120W

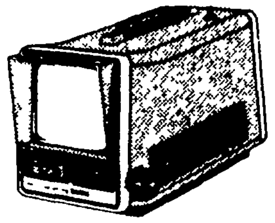
9. A Freedom Cordless Telephone #FF300

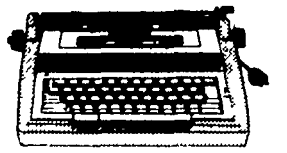
10. A Sunbeam Vista Mix Master #701-118

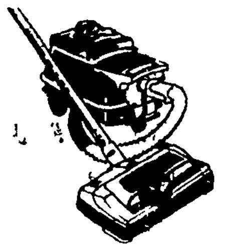
Premiums 11 to 17. Super!

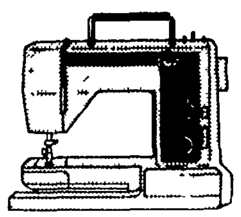
Invest: $18,000 in a 2½-year certificate, $11,300 in a 4-year certificate, or $6,400 in a 7-year certificate and select one of the following *super* premiums:

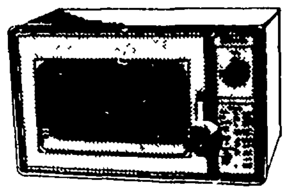

11. A Code A Phone Answering System with Phone #1090


12. A 1984 Zenith 5" Black a[illegible] White TV with AM/F[illegible]N052S


13. A 1984 Smith Corona Electric Portable #XT Enterprise


14. A 19[illegible] Eureka Canister Vac[illegible]m #1774

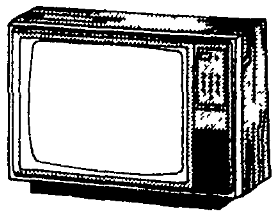

15. A White Elna Sewing Machine #999

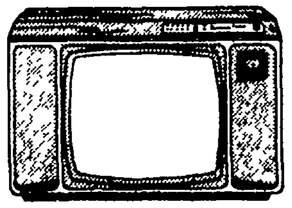

16. A 1984 Litton "G[illegible]ywhere" Microwave Oven [illegible]420

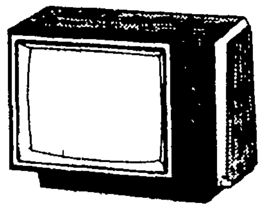
17. An Intellevision II with Atari Adapter, plus 3 video games

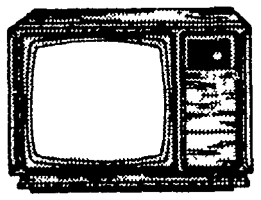
Premiums 18 to 24. Fantastic!

Invest: $40,000 in a 2½-year certificate, $25,000 in a 4-year certificate, or $15,000 in a 7-year certificate and select one of the following *fantastic* premiums:

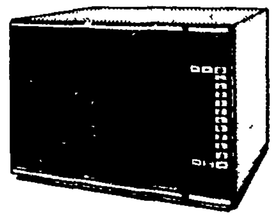

18. A 1984 RCA 19" ColorTrac TV #FJR465W

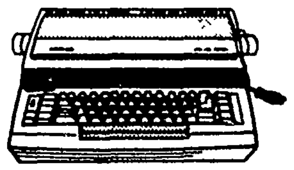

19. A 1984 Zenith 19" System III TV #Z1926W


20. A 1984 RCA 13", ColorTrac Remote Control TV #EJR338WR


21. A 1984 Zenith 13" System III Remote Control Color TV #SZ1319W

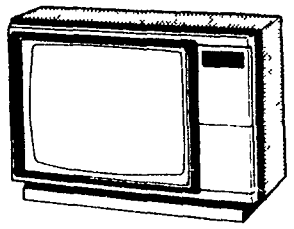
22. A 1984 Toro Electric Start Snow Thrower #620E

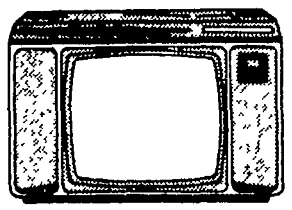

23. A 1984 Litton Microwave Oven #2052

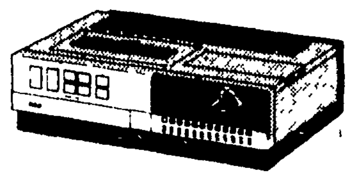

24. A 1984 Smith Corona Ultra Sonic Typewriter Messenger III

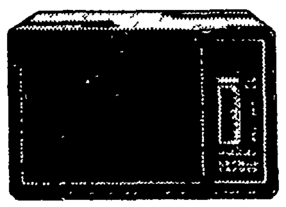
Premiums 25 to 30. Incredible!

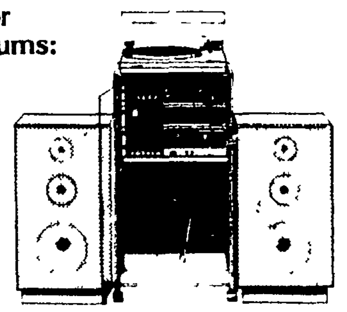
Invest: $49,000 in a 2½-year certificate, $30,000 in a 4-year certificate, or $17,000 in a 7-year certificate and select one of the following *incredible* premiums:

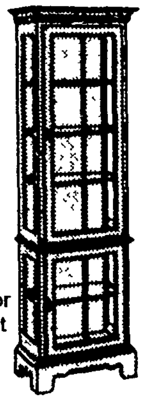

25. A 1984 RCA 19" ColorTrac Remote Control TV #FJR484WR


26. A 1984 Zenith 19" System III Remote Control TV #SZ1961W


27. A 1984 RCA Video Cassette Recorder #VJT-250

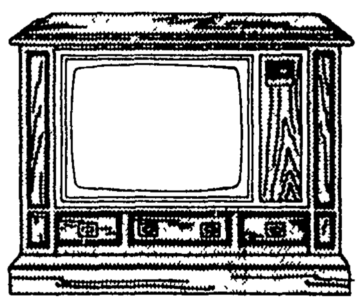

28. A 1984 Litton Microwave Oven #2090

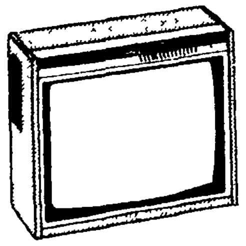

29. A 1984 Fisher 30 Watt Stereo System #5550

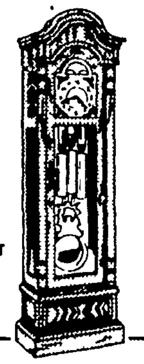

30. A Superior Cuno Cabinet #1623

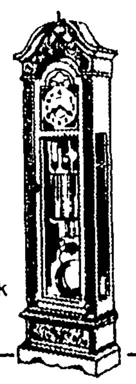
Premiums 31 to 35. A Dream Come True!

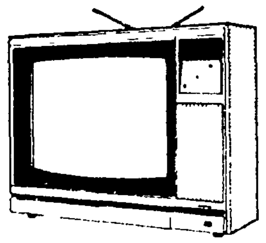
Invest: $78,000 in a 2½-year certificate, $49,000 in a 4-year certificate, or $28,000 in a 7-year certificate and select one of the following *"dream come true"* premiums:


31. A 1984 Zenith 25" System III Remote Control Console #SZ2527P


32. A 1984 RCA 25" ColorTrac Remote Control TV #FJR2020W


33. A Howard Miller Grandfather Clock #610-110


34. A Trend Grandfather Clock #909-1-AN


35. A 1984 Sony Trinitron Remote Control TV #KV1952RS

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Betty Wears Pennsylvania Crown

BY KIMBERLY HERR

BETHEL — She's Queen of the Sky, at least the Pennsylvania sky.

She's Betty Orendo, Queen of the Pennsylvania Chapter of the Flying Farmers. Betty, who is 55 years old, was crowned last March during the state Flying Farmers' spring convention in Stroudsburg.

"I'm the official hostess for the year," Betty explained. "It's a nice chance to meet a lot of people with similar interests and similar problems."

The Flying Farmers organization, which was explained in last week's edition of Lancaster Farming, began 39 years ago for farmers and agribusinessmen who are interested in flying or promoting flying.

Betty and her husband, Mike, do not live on a farm, but they do have a nursery, Fort Henry Nursery, in Bethel, right down the road from the farm where Betty was born and raised.

Mike is an ag teacher at Tulpehocken Area High School. Betty is the administrator of the practical nursing program at the Lebanon Area Vo-Tech School. She is an R.N. and has her master's degree in education.

Betty and Mike have owned an airplane for 20 years. They currently have a twin engine Piper Aztec that holds six passengers. Betty does not have her license, but she has taken a "pinch hitter" course, which enables her to land the plane in case of an emergency. Betty took the one-day course just this spring.

Although this course was all theory with no hands-on experience, Betty feels capable of landing a plane after flying with her husband over the years.

Betty's first time in an airplane was about 35 years ago. Mike was the pilot, and the plane was a Piper Cub. Was she afraid?

"I've never been afraid," she said. "I'm hoping to get my license when I retire. There are a lot of women pilots in the organization.

But for right now, Betty is busy making centerpieces, door prizes and corsages to be used at the many Flying Farmer activities she must hostess.

"You can do as much as you want, or as little as you want," Betty explained. "It is my pleasure to participate in the various things."

Proving how much she enjoys her reign, Betty is going all out. She is candlewicking some door prizes to be used later in the year, and is putting together some silkflower corsages, also to be used at one of the conventions.

Betty Orendo, Queen of the Pa. Flying Farmers, holds the wooden airplane given to her when she was crowned last March at the spring convention.

Looking every inch the queen, Betty stands in front of her Bethel home with the red silk roses she was given when she was crowned Queen of the Pa. Flying Farmers.

Her favors for the Christmas convention are already finished.

"This is what I enjoy doing instead of housework," Betty laughed. "It means more when you receive something that is handmade."

Although she is also in the process of handmaking other goodies for the meetings and conventions, she wanted them to remain a surprise and asked that they not be mentioned.

In addition to the time she spends on her crafts, meetings and conventions, Betty represented her chapter during Ag Progress days at Penn State this summer.

"I was there to get members and to promote flying," she explained.

Betty remembered how the children there would ask "Are you a real queen?" and "Are those stones real?" She was wearing a tiara given to her by the Cessna Aircraft Company, which also contributed a trophy and a plaque when Betty was crowned. She also received a mug and a wooden airplane from the Flying Farmers.

Betty will again get to wear her crown when she attends the Farm Show, Harrisburg, in January. She also attends conventions of chapters in other states to help crown their queens. She and Mike will leave for Maryland Sunday for that purpose. She has also been to the Delmarva Chapter's coronation and to a coronation in New York.

The queens of all the chapters throughout the United States, Canada and Mexico meet at the International Convention which is held every year. This year it took place in Dayton, Ohio. Next year, it will be in Canada, and the year after that it will be in Lancaster at the Host Farm. According to Betty, they hope to have 1000 members in attendance at that convention.

During these conventions, an international queen is chosen.

To compete, each chapter queen must make a poster, depicting their lives. They also give a five-minute speech about themselves and their chapters. Betty's poster had pictures of the airplane, friends from the organization, she and her husband, some shrubbery from their nursery and Betty's coronation.

Each queen is also required to bring a small gift for each of her "sister" queens. Betty took stained glass liberty bells and maps of Pennsylvania, with an Amish buggy pictured on the front. Some of the unusual things given to her by the other queens were a plant duster made from wool, which she received from the Ohio queen, who raises sheep.

The Nebraska queen gave decorations made from wheat, and the queen from Minnesota distributed rawhide roses. Betty has all of the gifts displayed in her basement family room.

The winner from this year's convention was a queen from one of the Canada chapters.

Betty explained that the youngest woman was about 21 or 22, while the oldest was a retired school teacher.

"It's no beauty contest," Betty laughed.

Nonethless, Betty is keeping a scrapbook with pictures of all the queens reigning during her year. She also records the thank you notes she gets from them for her liberty bells. Betty also has a photo album with pictures of conventions from all over the country.

Also in her album is a picture of her husband wearing a bright red hat, given to him when she was crowned queen. Pictures of her children, Mary and Michael, also appear in the album.

Although Betty's reign will end when she crowns the new queen in March, she and her husband plan to continue to be active members of the organization.

"You meet so many new friends," Betty said.

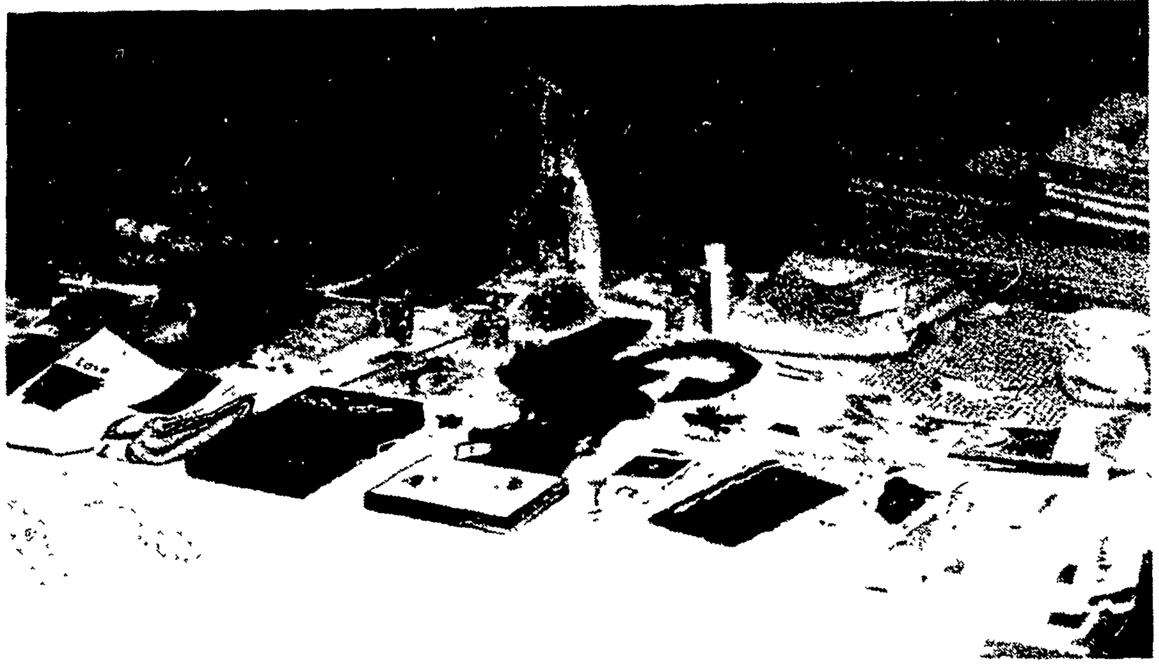
They also enjoy being with others who enjoy flying as much as they do. Betty explained that they fly mostly for pleasure. They have been to Florida, Canada and throughout the southwest part of the United States.

"We don't fly when it's really bad," Betty explained. "We respect the elements."

From Betty's viewpoint as reigning Queen of the Pa. Flying Farmers, she had some advice for women who may like to be in her shoes someday.

"Any woman that has the opportunity should accept the responsibility," Betty said. "It's a real challenge."

Each of the chapter queens brings gifts to share at the International Convention of the Flying Farmers. Betty chose stained glass liberty bells and Pennsylvania maps for her gift.



The gifts given to Betty from her "sister" queens are displayed in Betty's basement family room. Some of them include a plant duster, a bacon press, hot pads and sachet bags.

Christine McMenamin, Philadelphia, left, holds on tightly to both her Grand Champion animal and the trophy she won at the Montgomery County 4-H Goat Show. Judged Reserve Champion was Alice Shoenly, Barto.

4-H'ers Win With Goats

NORRISTOWN — Christine McMenamin, Philadelphia, withstood the challenges of others to win the Grand Champion ribbon award and trophy at the annual Montgomery County 4-H Goat Show. Reserve Grand Champion animal was owned by Alice Shoenly, Barto.

In the Showmanship contest first place honors went to the following: 1st year member — Paul Plummer, Chalfont; ages 8-11 — Mary Bradshaw, North Wales; ages 12-19 — Carol Weaver, Harleysville; under 7 years — Amy Plummer, Chalfont.

Carol Weaver was selected as Champion Showman. In the Fitting contest Christine McMenamin in the 8 to 11 age group took Champion, while first place honors were awarded to: 1st year member — Paul Plummer, Chalfont; ages 12-19 — Christine Weaver, Harleysville.

The goats were also judged by age groups. First place winners were as follows

Junior doe under 4 months — Christine Weaver, Harleysville; Junior doe 4 to 9 months — Mary Bradshaw, North Wales; Junior doe 12 to 24 months — Dana Trumbower, Hatboro; Senior due under 2 years -- Christine Weaver, Harleysville; Senior doe 2 and under 3 years — Christine McMenamin, Philadelphia; Senior doe over 3 years — Kim Bradshaw, North Wales.

Mary Bradshaw took Champion Junior Doe honors while Senior Champion was Christine McMenamin

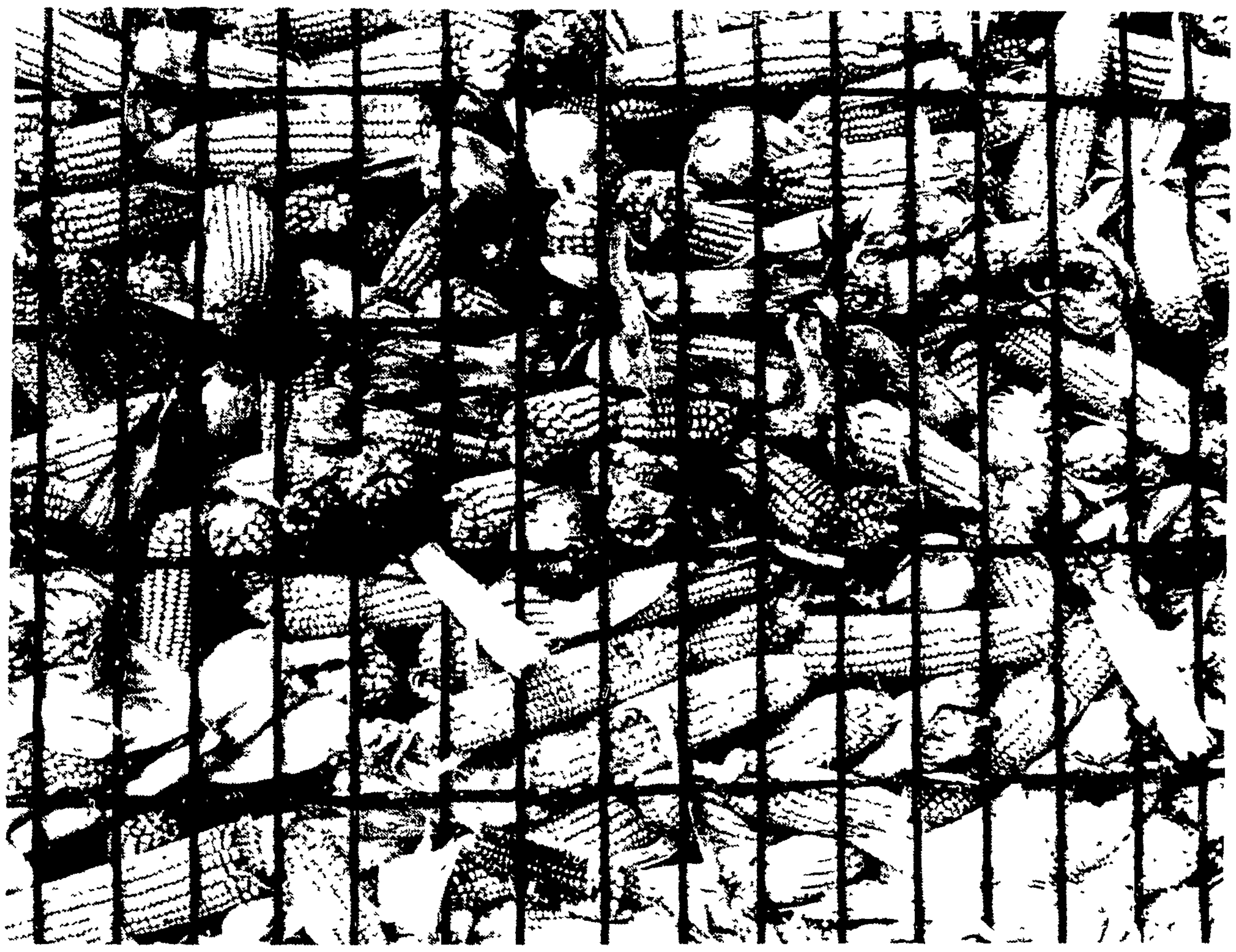
Museum Visit Scheduled

HONESDALE — Get new ideas - in crafts and quilting from two outstanding exhibits at The American Craft Museum in New York City. The National Quilt Show which has been on tour will be at the museum starting November 4. The permanent collection at the museum features crafts in every media.

The Cooperative Extension Service is sponsoring a bus on November 17 at a cost of $10 a person. It will leave the Wayne County Courthouse, Honesdale, at 8:00 a.m., arriving at the museum in New York at 11:15 a.m. The group will leave New York at 5:00 p.m., have dinner enroute at a Ponderosa Steak House and arrive in Honesdale shortly after 9:00 p.m.

There is no entry fee to the museum as the Extension Service is a non-profit organization. Lunch and dinner will be paid for individually.

Your reservation is assured by having your $10 to the Extension Office by November 3. This is on a first come basis. Refunds will be given only for earthquakes, hurricanes or tornados. Phone 717-253-5970 ext. 114.



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Farm Women Societies

Lancaster Society 3

Lancaster Society 3 met recently for a program on dried flowers, presented by the Mueller sisters, Willow Street.

Plans were completed for Family Night on Oct. 28 at 6 p.m. at the Mt. Airy Firehall. The group will entertain those that helped them at the Ephrata Fair on Nov. 11, when they will see a 76'ers game.

The 1983 and 1984 Farm Show committees will have a combined meeting at 7:30 p.m. at the Cloister Restaurant on Nov. 8.

The November meeting will be Nov. 19 at the Lincoln Lutheran Church.

Lancaster Society 14

Lancaster Society 14 met at the home of Ruth Longenecker for a program of skits.

Hannah Brackbill and Janet Leaman were nominated for secretary and treasurer, respectively, to be elected later.

The November meeting will take place at the home of Nora Herr on Nov. 9. The program will be festive crafts, and each member attending will pay $1 for the craft she completes.

Lancaster Society 21

Lancaster Society 21 met at the home of Lois Aument and welcomed new member Barbara Overly.

Bruce Brown gave a talk on gathering and decorating with weeds and flowers.

The next meeting will be at the home of Labertha Tindall on Nov. 10. The program will be in honor of their 35th anniversary.

Berks Society 1

Berks Society 1 went to the Yellow House Hotel for dinner recently in honor of Farm Women Week.

A trip to the Joanna dairy, N.J., is scheduled for Nov. 17, and members discussed plans to help Society 12 celebrate their fifth anniversary.

Michele Harley, representing the "best all-around cheerleading squad," told of her squad's plans to attend competition in Dallas, Texas, this December. She is a representative from the Daniel Boone School District.

The November meeting will be at the home of Pauline Hartman, Oley, and will be a night of games.

Berks Society 8

Berks Society 8 met recently at the home of Shirley Davis. The group will sponsor Berks Heim bingo on Nov. 3 and a ham on roll sale Nov. 8.

The Senior Citizens Banquet will be Nov. 18 at the Shartlesville Grange Hall. Secret pals were picked for the Christmas party on Dec. 17.

The next meeting will at Mrs. Wicks house on Oct. 25.

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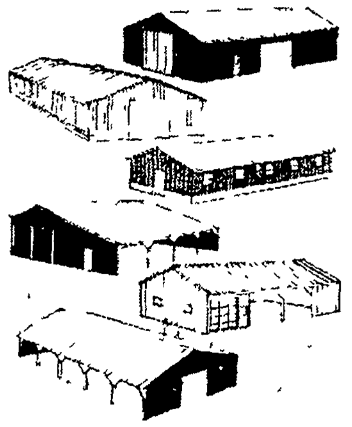

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Kennard-Dale team places 2nd

FAWN GROVE — Three members of the Kennard-Dale FFA traveled to Springfield, Mass. on Sept. 16-18 to compete in the Eastern States Exposition judging contests. The team, which consists of members-Jon Hash, Bill Lowe, Scott Dickson, and Coach Ralph Travis, participated in the dairy judging contest.

The team placed second against eleven other teams from the 13 Eastern states. For their second place finish, each team member received a silver framed certificate. The team also placed the highest in judging the Ayrshire breed with team member Jon Hash receiving a plaque for his placing as the highest individual for the Jersey breed. Jon Hash also placed second individually out of 29 contestants and received a gold certificate and rosette for his work.

All teams received their awards at a banquet held after the contests were over. After dinner, Mr. Willis Hayes, President of the Eastern States Exposition, spoke to the audience for a few minutes after which Jan Eberly, the National FFA President, gave another one of here enlightening addresses. Awards were then presented and photographs were taken. The closing ceremoney concluded the Eastern States Exposition contests for the FFA members and their coaches.

The team earned the opportunity to judge at the Big "E" by winning the second place in the state FFA judging contest at FFA week at Penn State in June.

Dairy judging team from Kennard-Dale FFA includes, from the left, Scott Dickson, Bill Lowe and Jon Hash.

Safety is recognized

ALEXANDRIA, Va. — The Future Farmers of America (FFA) has recognized 143 FFA chapters for their outstanding programs to promote farm, home and community safety.

The chapters will receive awards as part of the National FFA Chapter Safety Award Program, sponsored by the Farm and Industrial Equipment Institute (FIEI) of Chicago and The Dow Chemical U.S.A. of Midland, Michigan. They will be recognized at the 56th National FFA Convention, November 10-12, in Kansas City, Missouri.

The safety program is designed to make FFA members award of good safety practices on their farms, in their homes, and at their places of business. It also encourages chapter members to work together to promote accident prevention procedures within their communities.

All FFA chapters are eligible to partcipate in the National FFA Chapter Safety Program. This year, 32 of America's approximately 8,000 FFA chapters will receive the top honor of Gold Emblem Award for their promotion of safety awareness

Chapters earning awards this year in New Jersey are: Cumberland Regional FFA Chapter, Cumberland Regional High School, Seabrook; and Belvidere FFA Chapter, Belvidere High School, Belvidere.

FFA chapters win awards

ALEXANDRIA, Va — Superior performance in comprehensive programs have earned 381 of the nation's 8,000 Future Farmers of America (FFA) chapters the National Chapter Award

The National Chapter Awards will be presented at the 56th National FFA Convention, November 10-12, in Kansas City, Mo

The program encourages FFA Chapters and members to participate in a wide variety of activities in vocational agriculture/FFA at the local, state and national level. The awards are sponsored by the National FFA Foundation, Inc.

Chapters earn the award for their activities in 11 areas of a chapter's program of work. These areas include: supervised agricultural experience; cooperation; community service; leadership; earnings, savings, and investments; conduct of meetings; scholarship; recreation; public relations; state and national activities; and Alumni relations.

Many chapters were involved in community activities such as the distribution of agricultural facts to the public, chemical can crushing services, maintenance of school ball diamonds, landscaping, and installation of street signs.

Chapters earning awards this year in New Jersey are the Allentown FFA Chapter, Allentown High School, Allentown, and North Hunterdon FFA Chapter, North Hunterdon Regional High School, Annandale.

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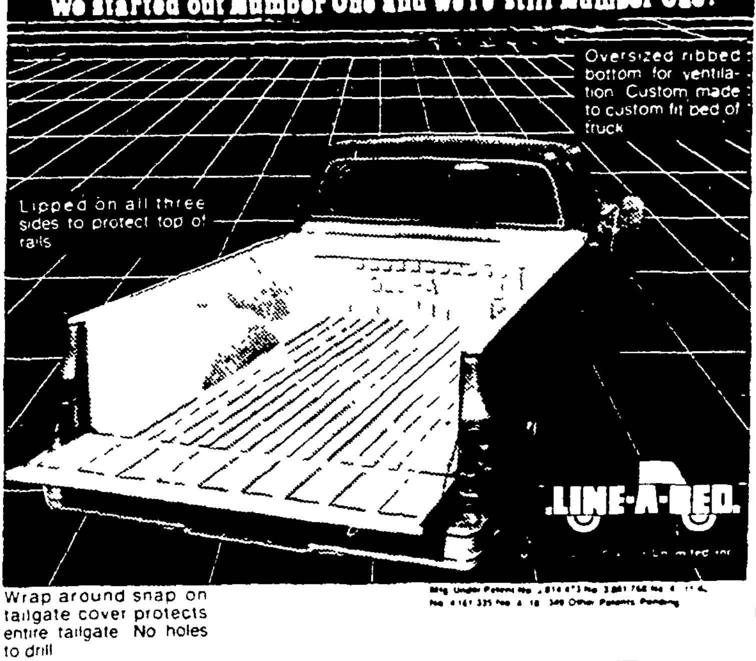
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3 to get Honorary Degree

NEW BRUNSWICK, N.J. — The Honorary American Farmer degree will be conferred upon three people representing New Jersey at the National FFA Convention in Kansas City, Mo in November. The candidates were recommended by the National FFA Board of Directors and by the National Officers for this honorary degree. Final decision for accepting these candidates will be made by the student FFA delegate body at an official session at the convention. The degree will be presented to the following people for their contributions to the organization:

Hilmer Jones of Colts Neck, Vice-President MSD AGVET Division, Merck and Company, Inc., Rahway, New Jersey. Dr. Jones is also 1984 Chairman of the National FFA Foundation Executive Council Sponsoring Committee.

Roger Locandro, of Flemington, Associate Dean for Student Affairs and Professor of Agriculture and Natural Resources, Cook College, Rutgers University.

Grant Miller of East Bangor, Pa., Vocational Agriculture Instructor and Advisor at Hackettstown High School, Hackettstown, N.J.

The Honorary American Farmer Degree is the highest honorary degree presented by the FFA. The degree will be presented to these people on Nov. 10.

Delegates named

NEW BRUNSWICK, N.J. — Steve Gruenberg, 18-year-old State President of the New Jersey Association of Future Farmers of America (FFA), and Janice Johnson, 17-year-old State Vice-President, will represent the state as official delegates to the 56th National FFA Convention in Kansas City, Mo. Nov. 10-12.

Gruenberg and Johnson will join 119 state FFA officers who will conduct the business of the National FFA Organization during special sessions of the convention.

Steve is the son of Norman and Johanna Gruenberg, of Lebanon, and is a member of the North Hunterdon FFA Chapter. Janice is the daughter of Paul and Betty Johnson, of Asbury, and is a member of the North Hunterdon FFA Chapter.

N.J. FFA contests Nov. 3

NEW BRUNSWICK, N.J. — Members of the New Jersey Association of FFA Chapters will be on the campus of Cook College, Rutgers University for their statewide fall judging contests on Thursday, Nov. 3, 1983.

Teams from thirty chapters will test their agricultural or horticultural skills in land judging, milk quality and dairy foods, weed identification and control, fruit and vegetable identification, and small engine trouble shooting.

Chapters competing in this semi-annual event are from high schools in Sparta, Mays Landing, Norwood, Newton, Woodstown, Hackettstown, Sicklerville, Sewell, Flemington, Annandale, Belvidere, Lambertville, East Brunswick, Monmouth Junction, Seabrook, Columbus, Jackson, Depthford, Glen Gardner, Hackensack, Bridgewater, Pennsauken, Washington, Freehold, Phillipsburg, and Allentown. Judging contests have been held at Rutgers University for 58 years.

The highest scoring team in the milk quality and dairy foods contest competes at the regional competition in West Springfield, Massachusetts next September, then at the national competition in Kansas City, Missouri in November of 1984. The first place Land Judging team will move on to the National Competition next spring in Oklahoma.

The chapter that accumulates the most points in the fall, spring and summer contests will receive the H.O. Sampson trophy. Sampson, a member of the staff of Rutgers University, was one of the original founders of FFA.

Rutgers University staff that will help in the contests include Ned Lipman, Robert Hanna, John Meade, Paul Eck, Dick Kleyn, William Smith, Charles Drawbaugh and Joseph Steckel. Others who will help include Harry Schnieber, John Grover, Nancy Schnetzer, and members of State FFA Officer Tom and FFA Executive Committee.

4-H Cookie Sale in Progress

YORK — The annual York County 4-H Cookie Sale is in progress through the month of October. Cookies may be purchased for $1.50 per pack with five varieties available. They are chocolate covered mint patties, chocolate covered peanut butter wafer sticks, chocolate covered marshmallow puffs, coconut creme sandwich cookies and granola creme sandwich cookies.

The Lutheran Brotherhood Branch 8080 will be supporting the 4-H program through matching funds.

The profits for the sale are used to benefit several aspects of the 4-H program in York County. A major portion supports the maintenance of the York County 4-H Center near Bair. Also, scholarships will be made available for 4-H leaders and members to attend trainings at our of county events. Plus a portion of the profit is returned to the local 4-H clubs participating in sale.

To purchase cookies contact your local 4-H club members or the 4-H office, Cooperative Extension Service - 757-9657.

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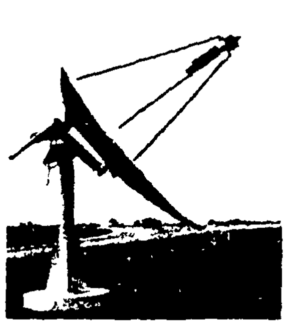

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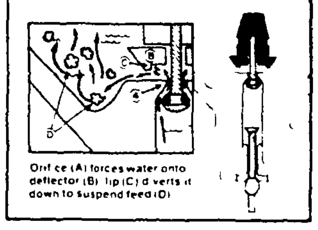

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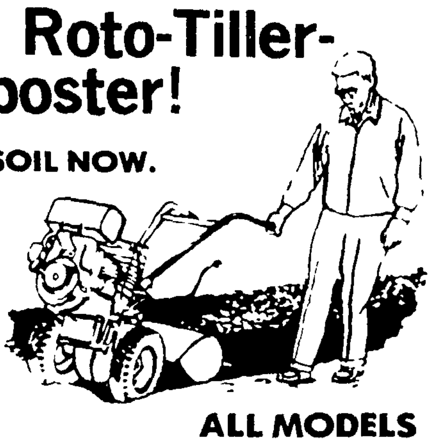

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Jr. Polled Hereford show winners honored

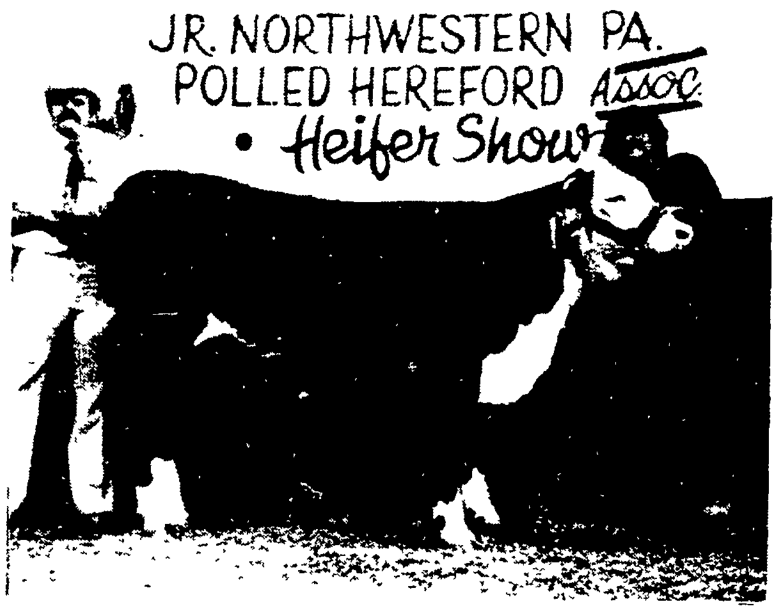
STONEBORO — The Jr. Northwestern Pa. Polled Hereford Association held its 4th Annual Heifer Show at the Great Stoneboro Fair last month with 20 head shown by 11 exhibitors.

Trophy winners were: grand champion heifer and American Polled Hereford Association Heifer Plaque Lisa Brudney, Northwestern Pa. Polled Hereford Queen and Pa. Polled Hereford Queen, Valencia; reserve champion female and winner of the dam-daughter class, John McCullough, Mercer; owner and bred heifer and champion fitter, Rob Poole, Stoneboro; and showing trophy, Shelbee Poole, Stoneboro.

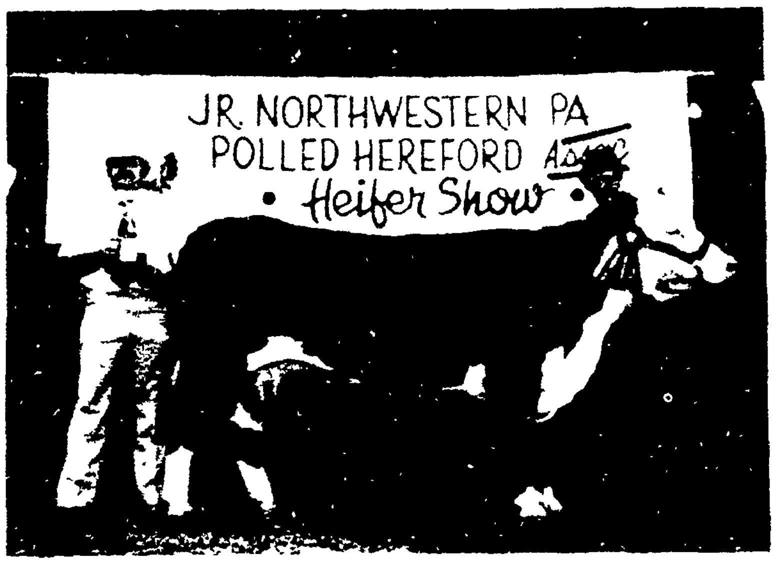
Exhibitors also showing were: Michael Gardner, Wampum, who had the open class grand champion bull; Alan Steadman, Cochranton, who had the open class reserve champion bull. Others were Stacey and Amy Dalton, Cochranton, Roy McClellan, Jackson Center, Brian Cotton, Cranberry, and Sherry Poole, Stoneboro.

The show was judged by Keith Rooker, Uniontown.

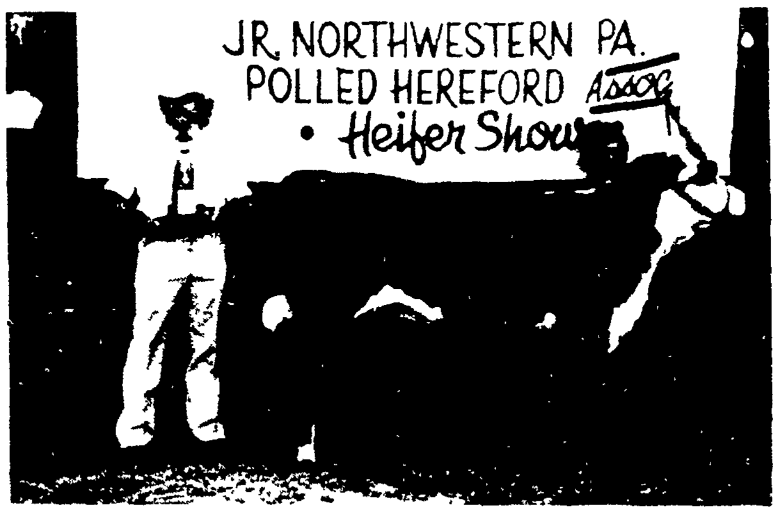
The Annual Banquet meeting of the Jr. NWPPHA will be held Feb. 18, 1984 at Liberty Grange, near New Castle. Eastern Ohio and Western Pa. Youth interested in joining the Jr. NWPPHA should contact Gail McClellan, Treas., RD 1 Jackson Center, Pa. 16133.


JR. NORTHWESTERN PA.
POLLED HEREFORD ASSOC.
• Heifer Show

Grand champion heifer honors went to E1 Sundance Lady and Lisa Brudney, R2 Valencia, owner of the Polled Hereford champion. Presenting their award is judge Keith Rooker, Uniontown.


JR. NORTHWESTERN PA.
POLLED HEREFORD ASSOC.
• Heifer Show •

Reserve grand champion female of the Jr. Northwestern Pa. Polled Hereford Association was ELH Magnamaid A109 owned by John McCullough, R4 Mercer. With the pair is show judge Keith Rooker.


JR. NORTHWESTERN PA.
POLLED HEREFORD ASSOC.
• Heifer Show

Owned and bred champion female of the Jr. Northwestern Pa. Polled Hereford Association was RPF STD Lass 206. With the winner are show judge Keith Rooker, left, and Lass' owner, Rob Poole, R1 Stoneboro.

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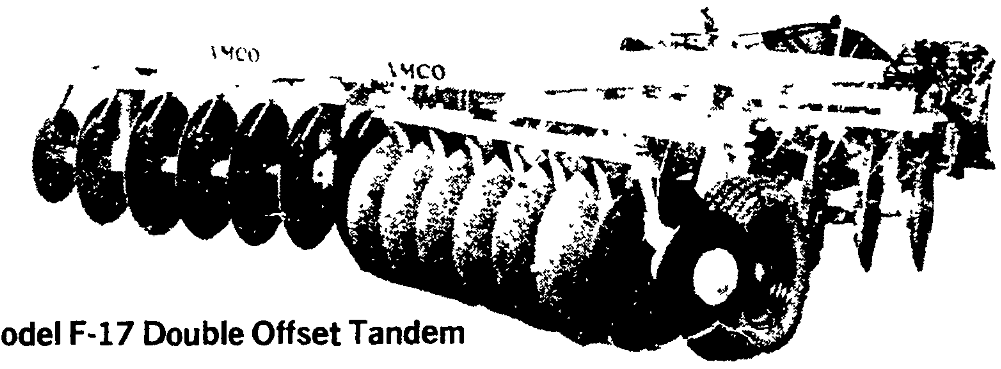

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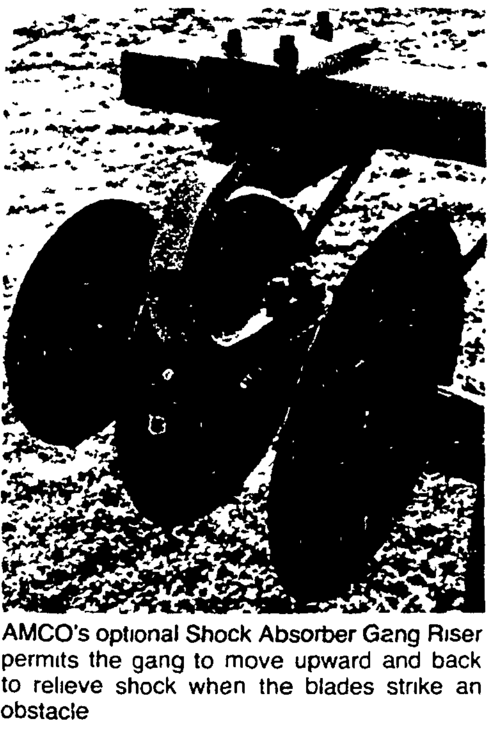

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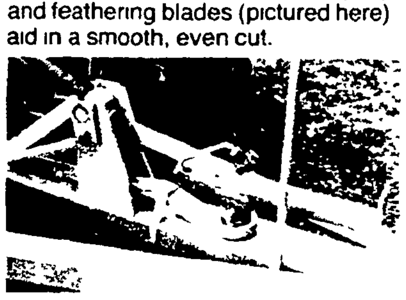

Diminishing blades on the rear gang and feathering blades (pictured here) aid in a smooth, even cut.

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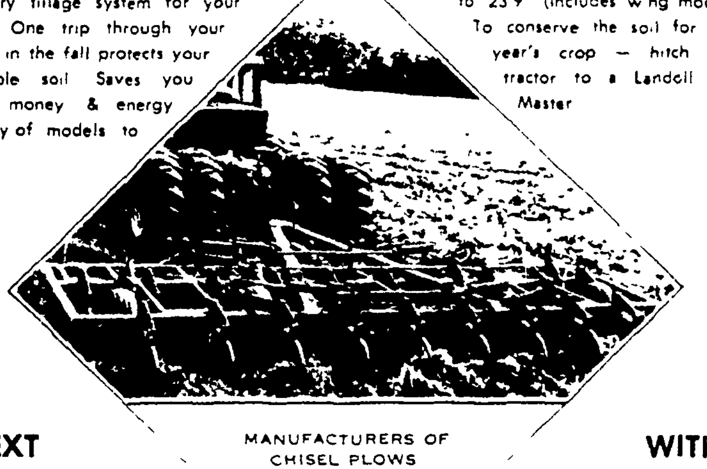

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Slimming Menus Feature Pork

NEWARK, Del. — Today's fitness boom has been accompanied by an increased interest in healthy, weight-conscious diets. For good nutrition and weight control, include red meats in meal plans, advises University of Delaware Extension Home Economist Debbie Amsden.

For example, three ounces of cooked, lean, trimmed pork provides a man between the ages of 23 and 50 with 45 percent of his RDA (Recommended Daily Allowance) for protein at a cost of only eight percent of his average daily caloric expenditure.

That same three ounces also contains 90 percent of his RDA for thiamine. In fact, pork is probably the single best source of thiamine in the human diet.

"It's possible to cut calories in half by buying lean cuts and by trimming all visible fat before eating," Amsden says. Substituting lean cuts for those known to be high in fat is another wise idea. For example, one ounce of Canadian bacon will weigh about the same after cooking as three strips (three ounces) of crisply fried bacon. But the bacon strips will have twice as many calories and three times as much fat.

"Another way to continue to enjoy some of the higher calorie pork products while losing weight or trying to maintain weight loss is to serve smaller amounts less often," Amsden says. "Instead of having three bacon strips with scrambled eggs, cook only one strip and crumble it over the eggs for flavor."

She says there are some definite things to avoid when trying to eat to be slim. For example, replace frying with baking, broiling or stir-frying. Substitute low-calorie ingredients whenever possible. Make thickened sauces with skim milk and instantized flour to replace sauces and gravies made with fat.

Here are three slimming menu ideas.

Breakfast-Brunch (295 calories). Top one toasted English muffin with one ounce Canadian bacon and one ounce grated cheese, for 205 calories. Serve with a cup of hot tomato soup, which adds another 90.

Lunch (412 calories). Combine ¾ cup plain yogurt with ⅓ cup cubed ham, ½ cup diced apple, 2 tablespoons chopped celery, 1 tablespoon chopped walnuts, 1 tablespoon raisins and a bit of honey for a main dish waldorf salad at 362 calories. Add another 50 calories with melba toast.

Dinner (524 calories). Serve 3 ounces of broiled pork steak seasoned with garlic and a bit of soy sauce along with ½ cup green beans (240 calories), ½ cup seasoned steamed browned rice (116 calories), ½ cup carrot/cabbage slaw (48 calories) and ½ cup custard (120 calories).

Eat Your Roughage

LANCASTER — "Eat your roughage," may be a phrase burned in your memory by your grandmother or mtoher who was sure her sage advice would bring increased health benefits.

It turns out the advice wasn't all that bad, claims Dairy Council Inc., Southampton, who says this common food substance, though not essential to the body, may reduce incidents of obesity, diabetes, colon cancer, heart disease, diverticulosis, constipation, hermorrhoids, and varicose veins.

Dietary fiber is that part of food not digested by enzymes in the small intestine, where most food is digested and abosrbed. It is important to consume just enough figer: too much can lead to gas formation; not enough can cause a variety of effects.

Technically, fiber is not a nutrient but a type of complex carbohydrate that is largely indigestible as it passes through the food tract. Its presence in the intestines promotes regular elimination by making unabsorbed food products bulkier and softer, which hasten their passage through the intestinal tract. This aids in regularity and also seems to increase elimination of bile acids, sterols, and fat.

Most Amerians consume about 20 grams of dietary fiber daily — but many experts say this intake should be doubled. There is also evidence that fiber intake in children is low. In a 1975 survey of 2,000 households, 75 percent of the children ate less than four servings per day of breads and vegetables, and 65 percent ate less than four servings per day of fruits and vegetables.

Even though fiber intake in children is low, scientists resist the temptation to routinely encourage increasing the suggested amount. In the first place, children have a small stomach capacity. Fiber-rich foods are bulky and have a low-caloric density. Most children might find it difficult to consume sufficient calories on a high-fiber diet unless they eat large amounts of nuts and legumes.

High-fiber foods include whole grain and bran breads, cereals, flour, dry beans and peas, green beans and peas, lima beans, lentils, peanuts with skins, snow peas, nuts, popcorn, and seeds.

Fruits and vegetables with edible skins and seeds are apples, blueberries, cucumbers, grapes, plums, potatoes, prunes, raspberries, summer squash, and tomatoes. Raw or lightly cooked vegetables might be asparagus, broccoli, cabbage, cauliflower, celery, and corn. Root vegetables include beets, carrots, sweet potatoes, and turnips.

A fail-safe way to make sure your fiber intake is on par — not too much nor too little — is to eat foods from the four food groups, says Dairy Council, in recommended serving sizes. These are milk and dairy products — 2 servings daily for adults and three for children; meats — 2 servings; fruits and vegetables — 4 servings; and grains — 4 servings. Follow this quideline will almost guarantee you the proper fiber intake and make this "forgotten" nutrient more visible in your diet.

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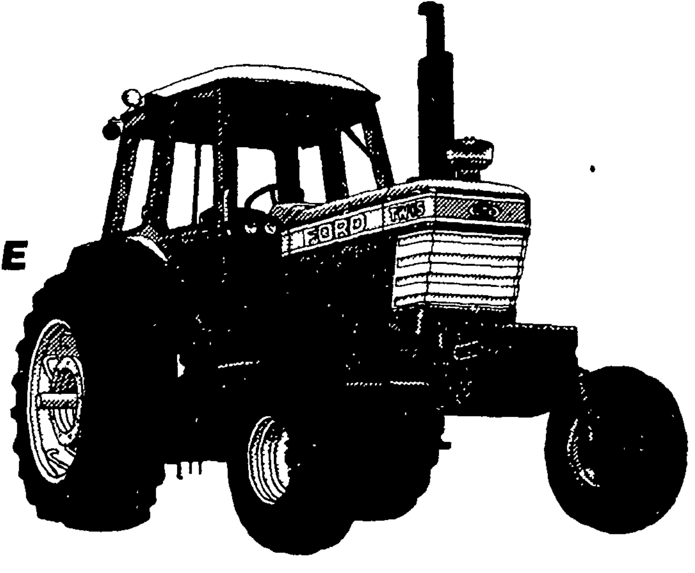

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The Milk Check

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County Agent

Recess Reaction

It seems Congress has to squeeze off a piece of dairy legislation in the last few days before it takes a recess. This time it was the Senate where a dairy bill was passed by a voice vote on October 7, the final session before a week's Columbus Day recess. It included much of the "compromise" bill and was sent to the House where it went to the Agriculture Committee on Wednesday, October 19. Two good reasons for the action were that the administration agreed to wait for target price freezes for feed grains and the dairy bill also contained the tobacco price support program so there was extra help for passage. However, it did take two days debate and the defeating of amendments for: a straight price support cut; elimination of the incentive program; freezing Class I prices, including only Federal Order milk; and, setting an $85,000 limit on incentive payments.

Like the "compromise" bill worked out by Senate-House-Administration meetings months ago it includes a 50 cent cut in the support price from $13.10 to $12.60 and a 50 cent assessment to finance a diversion payment program for farmers who lower production below their base.

The diversion program will last 15 months starting January 1, 1984. After that the Secretary will have the discretion for further price support cuts of 50 cents on April 1, 1985 to $12.10 if CCC purchases for the next year are expected to exceed six billion pounds of milk equivalent. On July 1, 1985 another 50 cent cut in the support price could be made or if CCC purchases were expected to be below five billion pounds there could be an increase of 50 cents in the support price. The bill also included a 15 cent deduction for advertising and promotion with a referendum to be held by September 30, 1985 to decide whether it should be continued after two years.

Differences

There were some important differences, however, that were not in the "compromise". Dates, of course, had to be changed and generally the whole program was shifted three months from October 1 to January 1 with the diversion program still covering 15 months. The "effective" date has become the first day of the month following the signing by the President and the earliest expected is December 1.

Two very important changes were the calculation of bases by quarters (every three months) and the discretion of the Secretary to reduce the diversion payment below $10 during the first quarter to minimize the effect on pork and beef prices as dairymen sell their cows.

Both milk marketed and bases would be calculated by quarters for producers who volunteered to participate in the diversion payment program. The milk marketed from January to March 1984 would be compared to the producers' marketings between January to March 1982. A similar comparison would be made for the periods April to June and July to September. In the fourth quarter of October to December the base period would be the marketings for the same months in 1981. The diversion payment would remain at $10 a hundred for reductions below the base except for the first quarter when the Secretary has the discretion to lower it.

In the meantime, nothing has changed as far as the Dairy Refund Program is concerned. You can still apply for any September refunds that are due you if you reduced marketings 8.4 per cent below your September base and you can establish your base with you ASCS for your 12 months starting October 1. It is expected that you will be paid whatever you earn under the Dairy Refund Program now in effect when and if it is replaced by new legislation. So, continue to participate in marketing reductions if it is profitable for you and if new legislation is passed you may get your refund sooner than expected. However, it appears more likely than ever that marketing bases will be a part of new legislation so once again for the umpteenth time I suggest that you get yours down on paper at the ASCS office even if you only use it for future reference.

All Time Records

Producer shipments to Order 2 handlers broke the all time records for three consecutive months this year - July, August and September - for shipments made in these months since the producers voted in the Order in 1938 - 45 years ago. Pricewise it was only the second highest for September. At $13.75 it was eight cents less than the record of $13.83 set in 1981. However, it was 16 cents better than August thanks to a nine cent increase in your Louisville Plan pay back from 35 to 44 cents a hundred. You also gained seven cents in your blend from a four per cent increase in the Class I utilization to 41.6 because of a ten per cent increase in Class 1 sales in September over August due to school lunch programs. The Minnesota-Wisconsin price stays about where it has been since last Spring now at $12.48 for September. So, the only hope for increases in the blend price in the months ahead must come from declining production and the resulting increase in Class I utilization. Considering the dollar deduction from $13.75 to $12.75 you're looking at the lowest September price since 1979 when it was $12.51. However, it appears that even lower milk prices and higher feed prices lie ahead and producers must adjust their management to survive.

Family Workshop Scheduled

YORK — The Cooperative Extension Service and the Family-Child Program will co-sponsor a workshop aimed at strengthening the family on November 10 from 8:45 a.m. to noon at Saint Matthew's Lutheran Church, York. It is aimed at parents of young children, up to age eight.

The topics to be discussed include improving communication, handling family conflict, family-centered activities and preschool readiness skills development. Local workshop leaders include Mary Ann Nyer, Dr. Allen Greenstein of the York Guidance Center, and county Extension agent Joan Lamberson. The keynote speaker will be Dr. James Van Horn of Penn State University.

Registration forms may be obtained by calling the Extension office at 757-9657.

Child care will be available at the church for a nominal fee.

THINK AHEAD...
Read Futures Markets on Page 3.

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Bull tops Guernsey sale

LANCASTER — A five month old bull calf, Clearbranch B T Topaz, topped the 57th Renewal Sale and Pennsylvania State Sale, October 13, at the Guernsey Sale Pavillion. Topaz brought $6000 from his buyers, Eastern Breeders Inc., United Breeders Inc., and Western Ontario Breeders Inc., of Woodstock, Ontario.

Topaz was consigned by H. J. Haga of Fort Valley, Georgia. His sire is T H Big Tex. His dam, McDonalds Darimost Jean, is a Gold Star dam with a cow index of +1407M +.10% +78F +$232. She was sold in 1979 for $30.000.

Second high seller in the sale, Clearbranch Jeans N P Satin, was also consigned by H. J. Haga. Satin was purchased by Anchor and Hope Farms of Port Deposit, Md. for $4000.

Satin is a bred heifer due to calf in May to Clovelly Top Hornet. She is sired by Kellogg Nances Prince. Her dam is also McDonalds Darimost Jean.

The sale total was $55,225, with a sale average of $1,453.2º for the 38 head sold.

Ten units of Co-Hill Farms T H Big Tex semen sold for $60 per unit. the semen was consigned by Jerry A. Krone of Oley. It was purchased by C. E. Cotting, Chedco Farms, Berlin, Mass.

$The sale was managed by the Merryman Company and the Pennsylvania Guernsey Breeders' Association.

330th Special Guernsey Sale

Held the same day at the Guernsey Sale Pavillion was the 330 Special Sale.

Topping this sale was Maple Knoll Top Pilot Sally, a 2-year-old bred and consigned by Richard O. Smith of New Hope. Sale was purchased by J. Scott and Elsie Wolff of Quarryville for $1400.

Sally is due to freshen in November to Maple Knoll Telestar James. Sally is sired by McDonalds Top Pilot.

The sale total was $19,750 for the 34 head sold, with a sale average of $580.88.

Auction Reports

A Public Auction of antique glassware and guns was held October 15 by Ammon and Mary Martin in the Lincoln Fire Hall 1425 Lincoln Heights Ave., Ephrata, Pa. There were over 100 people registered for the sale.

Items sold were: aqua opalescent peacock carnival glass bowl $425, purple carnival glass bone dish $425, peacock and urn ice cream carnival glass bowl $460, green carnival butterfly and fern water set $430, trout and fly carnival glass piece $180, L-C Smith 12 ga. double barrel shotgun $500, 30-40 Krag rifle $80, child's rocker $45, 2 plank bottom chairs $40 ea., cast iron J.D. tractor $105, and cast iron grandpa bank $112.50.

Auction conducted by John E. & Paul E. Martin, Aucts.

XXX

A Holstein Production Sale was held October 12 by Clifford Chamberlin, R.D. 1, Shippensburg, Pa. A nice sized crowd attended the sale.

There were 25 registered Holsteins sold for an average of $1475. The top cow brought $2050, the 2nd high was $2000 and the 3rd high was $1950.

Ralph Horst was the auctioneer.

XXX

A Public Sale of antiques was held October 15 by Mr. and Mrs. Rodney Bond, 1769 Rainbow Circle, York, Pa.

Some prices included: Betty lamp $320, hanging lights $155 & $195, cookie cutters $80 each, York Fair jug $120, N.Y. Times newspaper with Abraham Lincoln's assassination $69, brass ladle $90 and rolling pin $80.

Preston Chronister & Sons were the auctioneers.

XXX

A Dispersal of 30 registered and grade Holsteins was held October 13 by Virginia and Ambrose Burke, 6 miles north of Meshoppen, Susquehanna Co., Pa.

The high cow brought $1900 and the average of the registered animals was $1250 to $1300 while the average grade price was $850 to $900.

Auctioneers were Jerry Burke and Jim Adriance.

XXX

A Public Auction of antique furniture was held October 15 by Clifford R. and Fern Brown, 2 miles south of Conowingo, known as Roscrea, Darlington, Md.

Prices received were: mahog. Chippendale lowboy $1300, Federal sideboard $875, Victorian roll back love seat $675, 2 Victorian rosewood chairs $200 ea., 2 pc. corner cupboard $450, Butler's desk chest $565, brass bed $420 and jelly cupboard $385.

William H. Amoss and Glenn Freeman were the auctioneers.

XXX

A Public Auction of antiques and horse drawn equipment was held October 15 by Shirley Keppley, 6 mile north of Reading on the former Charles Dietrich farm.

Some prices were: jelly cupboard $250, square oak extension table $300, Gruber hay ladder wagon $275, Gruber farm sleigh $200, cane seat rocker $100, and set of 6 pressed back chairs $525.

Sale conducted by Ralph W. Zettlemoyer Auction Co., Inc.

XXX

An Antique Auction was held October 15 by Lorraine Warner, 3 miles south of Troy, Pa. in Bradford County.

Some prices were: washstands $100 to $110, press back chairs $25 each, corner cupboard $200, Victorian cherry drop front desk w/mirror $650, oak C roll top desk $500, cherry rope bed $75, round oak dropleaf table $125 and walnut Victorian platform rocker $75.

Auctioneer was Jerry Burke.

XXX

A Public Sale of dairy animals and machinery was held October 15 by Mr. and Mrs. Charles Knode, ¼ mile east of Petersburg, Huntingdon Co., Pa.

Three Holstein cows sold for $1000 each and open yearling heifers went from $325 to $420.

Other prices were: Surge 600 gal. milk tank $2800, White $5400 corn planter $3200, M.F. 1085 D tractor $7000, 1973 Ford 350 truck $2050, Caterpillar $5400, Patz 14' silo unloader $1700, Forage wagon $1325, harvester & head $900 and bale wagons $750 each.

Mark Glick and Dale Gibboney were the auctioneers.

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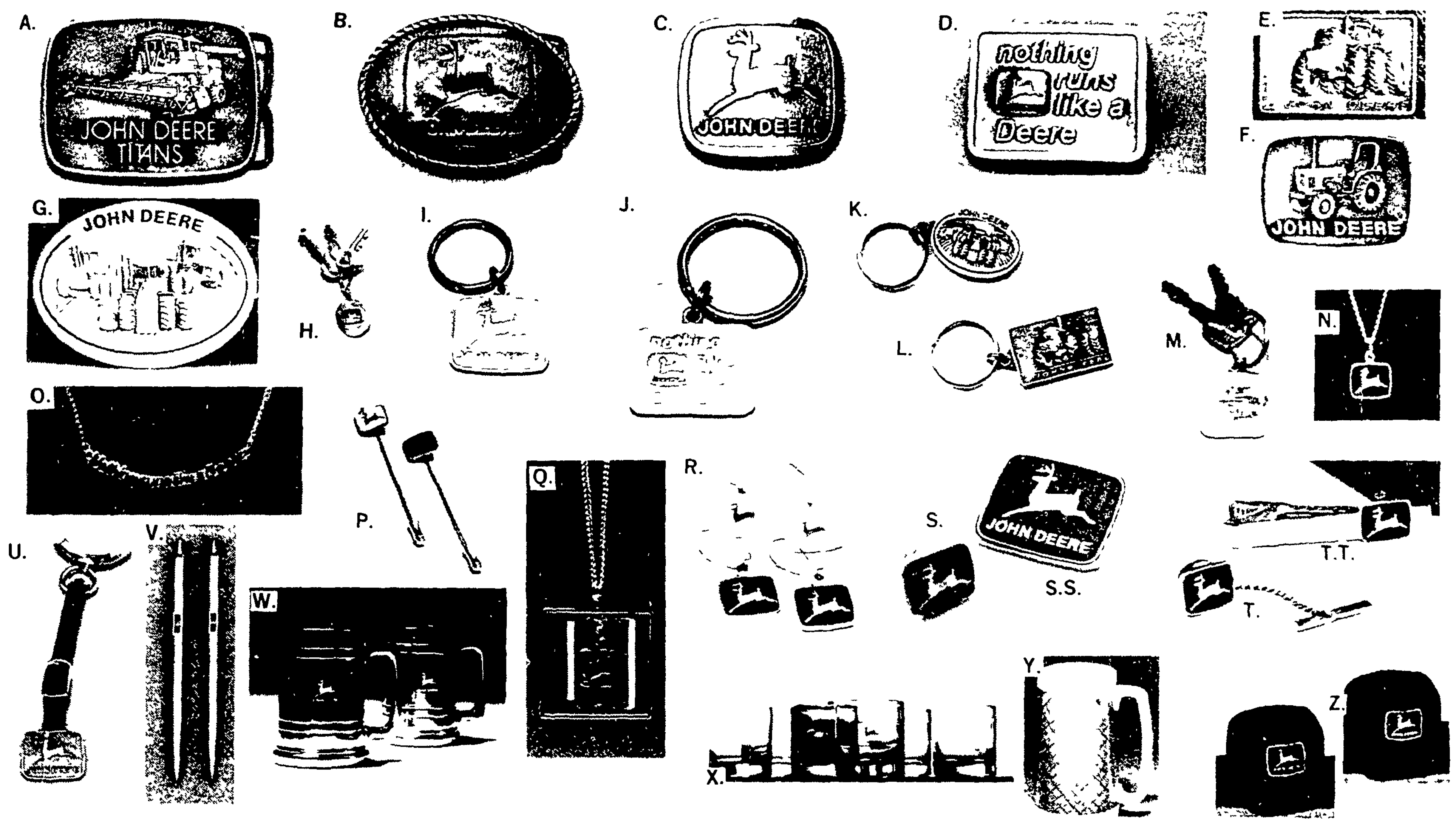

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For Sale - 4 cylinder, TD 6 crawler engine good condition, $450 Lanc Co., 717-656-9177.

For Sale - MF 35 Diesel excel. 292 Combine Engine good reasonable. Wanted - MF 65 or 165 H C W.F. Berks Co., 215-944-7475

For Sale - NH 880 2 row wide cornhead for 880-890 or 892 forage harvester, Northumberland Co, 717-649-5320.

For Sale - Reg Holstein Cows and Heifers due soon. Chairman bull calf from 88 point dam Northumberland Co., 717-742-7008.

For Sale - Church pews w/reversible back; 8 pews 14' long; 22 pews 13' 4". Franklin Co., 717-597-3962.

For Sale - Concrete Saw w/water, cardinal 6 HP $450: Sears shreader - 8 HP $150. Lambs. Berks Co., 215-582-3066.

For Sale - 1 Angus cow 5 yrs. with Bull Calf, 1 Brown Sow, Berks Co., 215-921-8765.

For Sale - Xmas trees. Scotch Pine, 5-8 ft. Contact Merrill Culler, 717-485-3275, Fulton Co.

Wanted - One or two man gas post hole digger, Sears on equivalent, reasonably priced, Berks Co., 215-856-7856.

For Sale - 19.2' Kenmore Refrigerator w/ice maker three years old. $275.00. Small parlor stove $40.00, other items. Franklin Co., 717-328-5898.

For Sale - 305 NI 2R mtd. Picker w. 307 Husking & 315 Sheller Att. J.D. MT Brackets, Jun. Co., 717-535-5170.

For Sale - Swab two horse wagon complete wagon box seat hand brake two horse hitch and tongue, 717-566-0099, Dauphin Co.

For Sale - Titan seed wheat, Int. trucks with 22' Grain body, will sell separate & 574 Int. Berks Co., (215) 777-0052 or 775-0508.

For Sale - New Stubben Seigfried saddle. New lightweight Western Saddle. Used youth western outfit. Berks Co., 215-683-5269.

For Sale - Massey Harris self-propelled corn picker, Field ready. Priced reasonable. York Co, 717-432-5348 after 6 p.m

For Sale - 1500 Bu. High Moisture Shelled Corn., 717-286-6042 after 9 p.m , Northumberland Co.

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Wanted - 14.9x38" tire. For Sale - A.C. model 170 2 row Mtd. Corn picker $100, Perry Co., 717-582-8171.

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For Sale - Wagon with Bale sides $400 Tractor rear weights $50 each VW for parts $75.00. Also good hay. 814-447-3383.

For Sale - One Ontario seed Drill 13 hoe with grass seed in good cond., Dauphin Co., 717-469-2860, Albert Kunsicker

For Sale - 50 sex sal puliets - 50 yearlings also one door Servel gas refg Lanc. Co , 215-445-7117

MAILBOX MARKET

For Sale - Oliver #5 single row corn picker set up for motor Good cond $495. can deliver, Lanc. Co. 717-548-2559.

For Sale - NI 17 manure spreader $595. NI 325 2 row 30" cornpicker works good $4900. Harrow w/packer. 717-354-0266.

Notice - Individual with child seeking apartment in Landisville area, one or two bedroom, reasonable rent, 717-653-8856 before 10 AM after 8 30 p m

For Sale - Will trade Int. 460 Diesel tractor, 2 PT PS MTD 3 BTM INT. Plow 14". York Co , 717-432-4762.

For Sale - Cookstove, White Comb. Coal or Wood and Bottle gas, (717) 284-4706, Lanc. Co

For Sale - Registered Satin Siamese rabbits, $5.00 each. Lanc. Co., 717-354-5889.

For Sale - Porch awnings and mountings front length 22½' end length 5'5", Corner length 2'7"x2'7". Lanc Co., 717-354-5993.

Wanted - 1940-1955 Oliver, Massey Harris or Int. standard tread 20-40 hp tractor in Adams or nearby counties, (717) 624-8304 eves

For Sale - 2 first calf heifers Jersey $350.00, Holstein $450.00. Mervin Z Martin, RD 4 Snapper Dr., Ephrata, Pa. 17522

For Sale - Hot bed shashs, alum. barn windows bucket-a-day hot water $40., 275 gal. fuel tank $20., Lanc. Co , 215-445-5309.

For Sale - 214 NI Single Beater Spreader, 165 Bu. Martin Bin Wagon, 290 Gal. Skid Tank w/Hand Pump 717-653-2475.

Wanted - Old quilts, hooked rugs, rag carpet, painted dry sinks, cupboards, chairs, tables, banjos, mandolins, guitars (717) 626-7854, Lanc. Co.

For Sale - Top Buggy on rubber in good condition, Lanc. Co., 717-354-6791.

For Sale - 1975 G.M.C. 35 Stake Body Dump 454, 4 spd., Good cond. a/goose neck hitch 16,000 lb. Trailer. 215-562-7028.

Wanted - 2 ton mulch straw - weed free - will pick up. Lanc. Co., 717-656-6169.

For Sale - 6500 gallon stainless steel tank, also 12' Brillion rotary mower #144. Lanc. Co., 717-626-8912.

For Sale - Stud Service two Registered Nubian Bucks. One out of Prince Arizonia and Belle Terre. One Magnum line. 301-343-0026.

Wanted - ¾" screen for a Gehl 800 Recutter. Lanc. Co., 717-548-2877.

For Sale - 60 feeder pigs, 40 pounds: on farm. Wanted - Electric fan heat exchanger for in stove pipe. Lanc. Co., 717-354-0192.

Wanted - 16'-24' belt conveyor or elevator send price and location to Box 144 N York, RD 10 17404.

For Sale - 8 ft. aluminum truck topper - 25" inches height - good cond., $135 dollars - Lanc. Co., (717) 267-6919.

For Sale - 601 one row Ford cornpicker good cond , used on AC D-17. Chester Co., 215-286-9467.

For Sale - 60 ft Brillion tapered Board feeder, 717-352-3673, Franklin Co

For Sale - Farmall MD for parts Wide front $500.00, Injection pump. $500.00. Wanted - clutch & torque tube, Sullivan Co., 717-921-3757

For Sale - 69 T tag International 1300 Series, 304 Engine, good condition. 71 Chev , pickup, C10 Series, 307 Engine. 717-966-0057. Mifflinburg

MAILBOX MARKET

For Sale - Seed wheat, cleaned, Franklin Co. 717-597-4494. Lakee Christman, 7623 Valley View Lane, Greencastle Pa 17225.

For Sale - Oats, straw, mixed Timothy & clover, JD #2 bale kicker, GE air cond. Perry Co. 717-567-6326 or 717-567-3134.

For Sale - JD 60 tractor good cond. Columbia Co 717-784-8597

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For Sale - 100 Yorkshire feeder pigs all sizes 30-60 lbs good cond. Amos Miller, 238 Newport Rd. Leola, Pa. 17540.

For Sale - Western bridle, saddle blankets, side-saddles, training cart, men's 42 new hunt coat Lanc. Co. 717-665-3983.

For Sale - Humidifier, like new $60. Leb. Co. 717-838-9072 after 6 p.m.

Notice - Alpine Buck Service, Amity Journeyman (Fox Hill dam, Hill N Holler sier. Both National show winners.) Bucks Co. 215-257-8847

For Sale - Hough payloader model HM 4 wheel drive, 1½ yd. bucket, $2000. Lanc Co 717-653-1157

Notice - Will trade! Medium size gentle pony for feeder steer or heifer. Berks Co. 215-562-8662.

For Sale - Wood calf slats, removable bottoms for easy cleaning, horse drawn market wagon. Franklin Co 717-597-3231 after 5 p.m

For Sale - Oliver model 83H, 2 row pull type corn picker, good. Cumberland Co. 717-249-1193.

For Sale - Int. 2001 loader $600. old loader to fit Case GC or DC Int. H. Carroll Co. Md. 301-848-6395.

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Wanted - Persons interested in forming/joining a Maryland draft horse assoc. contact Becky Smith, 21811 Rt. 97, Brookeville, MD 20833. 301-924-4614.

For Sale - Cattle truck, 1969 Chev. 16' wooden bed, V-8 motor, good cond. $1000. Chester Co 215-593-2053.

For Sale - 8' Morrison utility bed for pick-up. Wanted - Wanted 8- pickup bed for GMC or Chev. 68-72. Har. Co 301-838-8032.

For Sale - Reading Utility Body, sliding top over center, for Pickup truck. Good cond., $800 00, 717-927-6993 after 5 p.m.

For Sale - Chev 350 engines to rebuild 2 350 automatic transmissions just rebuilt. IH Scout Parts, Front End ect. 717-626-4359.

For Sale - Viking Sewing Machine with Cabinet, and old German books. Lanc. Co., 717-442-4842.

For Sale - 1976 C65 Chevy 10-wheeler w/13' Stoltzfus spreader for lime, fertilizer, cinders w/detachable booms 215-857-5882.

For Sale - Suburban wood or coal stove. Good cond., Jonas S. Beiler, RD#2, Box 279B, Narvon, Pa. 17555. Blank Rd., Lanc

For Sale - 1961 Chevy Truck 60 series 6 cyl 4 spd., 2 spd , rear 21,000 G V.W. 16' bed, Lanc., 717-284-4921.

For Sale - Firewood any amount ($65 pickup & cut to size) Locust posts 7' ($3/ea.) Saw mill cut ($3.50/ea) , 717-786-2938.

For Sale - 1 sorrel saddlebred mare Broke to drive and a top-notch rider Abram Stoltzfus, Lower Valley Road, Christiana.

MAILBOX MARKET

For Sale Storm front carriage, fair cond. Stephen L. Stoltzfus, R#2, Box 64-A, Honey Brook, Pa. 19344. Along Rt 10

For Sale - Saddlebred broodmare, w/3 week, old filly, sire is a Peruvian Paso. $450. Lanc Co 717-284-3329.

For Sale - Buff Cochin Banties, Cheviot Sheep, riding horse, poultry fountains, feed cart, rabbit feeding dishes Lanc Co. 717-733-8770

For Sale - Wood corn picker for parts or to use $50 Jacob S Glick, RD2, Box 369, Quarryville, Pa 17566.

For Sale - A bargain 1974 MF 1155 w/cab, as is, nice, $9900. Snyder Co 717-374-1958.

For Sale - Model 1100 Better Built liquid manure spreader, good working cond. Lanc Co. 717-872-4252.

For Sale - 9 feeder steers, 600-800 lbs. ave. Angus & Angus/ Hereford Cross. Leb. Co. 717-949-3443.

For Sale - Chevy 396 truck engine w/allison auto. trans & air compressor $275. Lehgih Co. 215-967-3957.

For Sale - Apples at very low prices, bu. boxes for $1.50 apple firewood for $59/cord. Christmas trees. Columbia Co. 717-672-2638.

Wanted - Stud service at our farm for small herd of goats. Old lawn mower, Lanc. Co 717-299-7280 eves 7-9

For Sale - Reg. Hampshire, Rambouillet & Dorset rams, 20 Hampshire ewes bred to a Roger-Nechols ram Bradford Co. 717-247-7074.

For Sale - Kohering 1½ yd. cement mixer, good cond. 2 yr. Standbred gelding. Bedford Co. 814-784-5872

For Sale - Reg. Quarter Horse Yearling Filly. Excellent disposition, well-breed. Will Sacrifice. $600.00 neg., York Co., 717-244-7314.

For Sale - Bob-White Quail and wild turkeys both from 82 & 83 hatches. Carbon Co., Lehighton, 717-386-4978.

For Sale - Kwik-Way Cattle head gate: Scandia #100 airtight wood stove. Lanc. Co., 717-393-7845.

For Sale - #322 MF 3 RW Cornhead $750, 494 JD Cornplanter $300, Hawk built tank spreader $350; No Sunday calls, 717-539-8189.

For Sale - 6 mo. Buck Goat Tame ready for fall breeding $25.00. Snyder Cty., 717-837-0293

For Sale - 6' antique cherry settee - 3 drawers - like new Lanc. Co., 717-354-5072.

Wanted - Massey Harris #20 Tractor. Running or not 717-875-2252, Schuylkill Co.

Wanted - Maytag wringer washers, most any cond., Daniel K. Lapp, Box 195A, RD#1, Loganten, Pa. 17747, Cinton Co.

For Sale - Warm morning wood stove. Also ready cut fire wood. Benj S. Lapp, RD#4, Box 42, Honeybrook, Pa. 19344.

For Sale - Massey Harris 80 Special Combine; good condition, Lanc. Co., 717-665-5683.

For Sale - Chicken Manure not to wet $5.00 a ton, Berks Co., (215) 589-5613.

For Sale - Stock Trailer, 1981, WW, 16'x6', only used twice, Dual Axle, Spare Tire, Center Gate, Exc condition, $1775 , 301-346-7157.

For Sale - Krause 22' Rock-Flex disc. Gehl #99 Hi performance Silage Blower. Heavy Duty PTO Shaft, Lanc. Co., 717-665-3865

For Sale - JD #400 Grinder mixer, good cond Aaron M Reiff Jr , RD1, Box 300, East Earl, Pa. Lanc. Co. 17519.

MAILBOX MARKET

For Sale - Saanen goats, will trade, purebred buck for same. Black sheep & new sheep fencing Cape May Co. 609-861-5719.

For Sale - AKC Cocker Spaniel puppies, -buff, 7 wks wormed. Lanc. Co 215-445-6284.

For Sale - Reg. Percheron mare, 9 yrs black, 1700 lbs 16.2 hands, broke, in foal to Commander's. Otego, NY 607-433-2681.

For Sale - Fox 546 chopper w/2 row wide & 1 row corn head's & 6' pickup head Wash. Co 301-842-2392

For Sale - Good-looking, S-W-D Valiant son. Reg. & yr old from VG 86 Elevation 17,982 3.9% 694 Berks Co 215-589-2680.

For Sale - 8' JD disc on wheels; 8' Int. disc; 66 Chevy sedan, standard shift. Dauphin Co. 717-534-2208.

Wanted - Someone to over-haul 6V 71 Detroit diesel eng. in rear of a bus, can be driven to shop. 717-238-4503.

Wanted - Mill stones or grinding stones, any size. For Sale - AC-C engine seized $200. Leb. Co. 717-865-6860.

For Sale - Reg. & unreg. pygmy goat bucklings. Also stud service from Caramel or Agouti champion bucks. Leb. Co. 717-865-5080.

For Sale - AKC reg. beagle female dog, exc. stock for hunting $75. Case flail chopper w/ new belts. Sch. Co. 717-345-4109.

For Sale - 4 Surge mini-cup II used 4 yrs. Berks Co 215-756-6791

For Sale - 1974 Int. Travelall 100, 4x4, 392 cu. in., P.S.P.B., AM-FM, trans. cooler, 74,000 mileage, Sch. Co. 717-943-2423.

For Sale - 1970 KW tractor single axle w/40' flatbed trailer tandem axle w/factory side kit & tarp. Berks Co. 215-562-4926.

For Sale - JD 6600 sidehill combine hydro, diesel, cab, air, 4 row wide & 13' grain platform. Berks Co. 215-756-6937.

Wanted - Frick saw mill, good cond. only, Franklin Co. 717-349-2325.

For Sale - Timothy hay & wheat straw 10 free stall dividers, never used, best offer, 1965 Pontiac Berks Co. 215-536-2284.

Wanted - Steady buyer for 3-way feeder pigs approx. 70 head monthly, wormed, liced, innoculated, starting Dec. 215-767-9492. Larry Dimmig.

Wanted - Platform scales & tobacco bale box. Amos K Lapp. 100 Conner Rd. Oxford Pa 19363.

For Sale - Approx. 35 acres, will sell all or divide in 3 Northumberland Co. 717-286-0071 at 6 p.m.

For Sale - Continental engine, block, complete w/head, clutch, etc., 4 cyl. from Oliver power unit $50. 717-547-2275.

For Sale - Standing timber for lumber, Veneer, any firewood, write: P.O. Box 220 Dalmatia, Pa. 17017.

For Sale - Reg. Nubian buck, dehorned & very gentle, ready for fall breeding, $75. w/papers, Berks Co. 215-987-6098.

For Sale - 5 feeder pigs 45 lbs. black ram 1½ yr proven sire. Top quality hay Har. Co. 301-692-5905 eve.

For Sale - NI 2 row narrow w/12 roll bed good cond $4000. IH 1066 tractor, $9500. Lanc. Co. 215-267-6547

For Sale - Corn sheller 2 hole, good cond. $70 1 as is $10. N. Lanc. Co 215-267-5026.

For Sale - Feeders, yearlings, Simmental 12 steers, 10 heifers, home-raised, also Simmental Bull, papers Cecil Co Md Milbournes 301-398-2751

MAILBOX MARKET

For Sale - D4 catepillar w/loader; 1963 Cadillac convertible JD 40 wide front high clearance; TD9 for parts w/blade. 717-626-5678.

For Sale - 1 seated carriage, extra length, good cond. Hettie Zimmerman, RD1, Leola, Pa. South Farmersville Rd.

For Sale - 18 can milk cooler in exc cond.; milk cans. Amos S Zook, RD1, Box 249, Meyersdale, PA 15552.

For Sale - Old black driving horse for a pet. Benjamin K Swarey, Peach Bottom #1, Pa. Little Britain Rd. 17563

For Sale - Burrows 24' long 15" wide alum conveyor w/flat rubber belt for bags or boxes. York Co 717-235-2032.

For Sale - A top buggy w/roller bearings & hydraulic brakes. David M Hoover, Woodlyn Dr RD1, Denver, Pa. 17517.

Wanted - Small size Ensilage cutter, give price & cond. Enos Miller, White Oak Rd, R1, Paradise, Pa 17562.

For Sale - 1 male & 1 female goat, 5 mo old. David M King, 141 A N. Ronks Rd, Ronks Pa. 17572.

For Sale - Sooner stock trailer, 16'x6' double axle, 3 gates, spare tire, like new, Lanc. Co. 717-898-8104.

For Sale - (15) 20' barn logs, 1 reg. Hereford heifer; (2) 2 yr old Hereford bull. York Co. 717-637-9068.

For Sale - 8x10 walk-in coller $500 ; 20' meat railing $150.; #22 Enterpirse sausage-grinder $35.; cash register $40. Lanc. Co. 717-684-6555.

For Sale - Rye seed cleaned. Franklin Co. 717-532-3205.

For Sale - Int. 205 corn head on, grain head incl. $5000. Int. 706 German diesel engine w/cab. York Co. 717-432-5543.

For Sale - Pinto mare, 5 yrs. 13.3 hd. rides English & Western, good childrens horse. $350 neg. Lanc. Co. 717-733-6319.

For Sale - Clean sound oats $2.70/bu. Also Baker wood burning stove. 717-627-1687.

Wanted - Elec. heat mats for baby pigs; also For Sale - 200,000 BTU Reznar gas heater $30. Lanc. Co. 717-354-9368.

For Sale - Carrol Jamison 17"x64" metal lathe, gear change, face plate, drive plate, steady rest 4 jaw chuck. Perry Co. 717-789-3483.

For Sale - Int. "544" diesel, utility, 3 pt. hitch, power steering, fair cond. $3200. Snyder Co. 717-658-3594 after 4:30.

For Sale - NH 61 haybine, JD 14T baler w/#2 kicker, bale wagon, lime spreader, York Co 717-432-9400.

For Sale - Reg. Jersey cows all stages of lactation, Mineral Co. 304-788-2154.

For Sale - IH 2 M-H mtd. cornpicker v. good cond, kept inside. Harford Co. 301-452-5122 eves.

For Sale - 72 Ford 4x4 F100 new radial tires, cap, 4 speed, 360 engine, York Co. 717-854-1266.

For Sale - 5 mo. Wether, doe kid, dairy goats some bred. Victorian loveseat, 2 chairs, platform rocker. York Co. 717-244-1177.

Wanted - Handy person or Amish youth to help around farmette, small truckload of chicken manure Chester Co 215-383-5280.

For Sale - 4 ponies & 1 pony mule. 46"-50" 9 yr. bred buckskin mare $250. Palamino filly. Montour Co 717-437-2431.

For Sale - Mini-farm, 49½ acres, ⅔ in grass, S. of Lynchburg, Va , Campbell Co. $75,000. Terms 804-283-4752 after 6 p.m

MAILBOX MARKET

For Sale - 78 Dodge clubcab pickup, automatic, new paint excellant condition, $3,200.00, Berks Co., 215-589-2689.

For Sale - Beautiful copper colored coal/wood Kitchen stove w/warming oven. Replated. $300 00. Call eves., Schuylkill Co., 717-943-2655.

For Sale - NI #7 corn picker, asking $550 will consider offers, Bucks Co., 215-822-0537.

Notice - Registered Morgan Stud service Upwey Ben Don Breeding 15 hands - Dark Bay Snyder Co , after 5 p m , 717-658-3511.

For Sale - Factory bilt loading shuit on wheels like new, John A. Wivell, 10102 Keysville Rd, Emmitsburg, MD 21727 301-447-2344.

For Sale - Extra Heavy Duty Front - End Loader for Ford Tractor, Model #1997 Series 703; Milford, De 302-422-5159.

For Sale - Wick Bedding Chopper 7½ hp Honda Engine good condition original knives, 717-334-8553.

For Sale - JD 14" hammermill, belt-driven w/4 screens & bagging attachment, 30' endless belt, 2-hole cornsheller, Schuyler Co., N.Y. 607-546-2523

For Sale - NI 9' Haybine good condition; Welsh Buckskin Gelding Pony, 51"; Ride or Drive, Bedford Co., 814-847-2794 or 847-2869.

For Sale or Trade - Large herd of African pygmy goats, also Barbados sheep. Howard Co., Md. 301-442-2883.

Wanted - Cletrac model 100 and other old crawler tractors, J.B.K. 79 Lower Mill Rd, Elmer, N.J. 08318, Salem Co.

For Sale - Baby Bear stove new, Antique coal & wood stove, 5 HP gas engine Ecommy, Hanover, 717-637-8855.

For Sale - Suburban Woodmaster Woodstove in good condition, $200. John E. Stoltzfoos, R.D.1 Box 247-D, Christiana, Pa. 17509, Lanc. Co.

For Sale - 1086 Int. Tractor 1300 hrs., Partial cab w/windshield, w/or without Duals and weights, good condition, Bedford Co., 814-623-2603.

For Sale - Belgian gelding, 7 yrs., blond sorrel, white trim, clean, sound, good broke, 1580 lbs. 301-969-4151, A.A. Co., Md.

For Sale - A.K.C. Reg. Keeshond pups 5 wks. old. Aaron K. Fisher, 141 A Queen Rd., Gordonville, Pa. 17529.

Wanted - Portable, featherweight, Singer Sewing machine, 30 658-5061.

For Sale - 2 reg. Morgan yearlings Lippitt & Jubilee King breeding, 1 bolster wagon. Doctor's buggy. Allegany Co. Md. 301-759-4805.

For Sale - 310 NI 1 row corn picker, good cond. Brock dump trailer, Chester Co. 215-269-0991 day, 363-6455 eve.

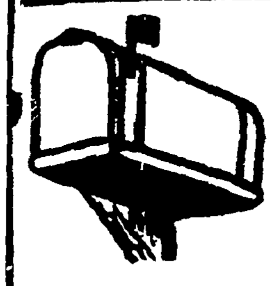
For Sale - New tractor guide rod $75.; set of new plastic firming wheels $150. Del. Co. 215-459-3646.

For Sale - MF65 diesel w/2 row mounted MF 64 corn picker $2500. MX65 Gehl mix all mill. Centre Co. 814-383-4951

For Sale - IH 230 tractor, fast hitch, David V Mullinix, RD3, 1502 Long Coner Rd Mt. Airy, MD 21771.

For Sale - 1 pair of snow tires P215/75 R15 M/S rad. 4 ply tread studded $125. York Co. 717-23 4260.

For Sale - V-type & angle snow blades; Oliver grain drill, 3 pt 3 btm. plow, IH 10' transport disc, hay rakes. 717-345-4882



FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules

Limit your advertisement to 20 words. area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience all advertisements must be mailed to the office by Tuesday or same will be held over for next week's paper no business advertisements accepted

Include your Lancaster Farming mailing label and mail to

Mail Box Market
Lancaster Farming
P O Box 366
Lititz PA 17543

No Phone
Calls Please

MAILBOX MARKET

For Sale - JD L tractor with cultivator and plow Good condition $1200 00, Lanc Co., 215-445-5018 after 4

Notice - Live in with country family, room, meals, 1-2 persons May have out side pets Lanc Co, 717-872 7274

For Sale 5 Reg Angus cows, 5 Holstein Bull calves 5 Wk old call after 5 00, 717-252-4416, York Co

For Sale - Family cow registered Guernsey, good milker, third calf $600. Lanc Co, 215-445-6880

For Sale - Corona portable kerosene heater, 9,200 BTU like new, $35 00, Lanc Co, 717-354-9127

For Sale - Barn 30 x 50 with corrugated tin roof, 1-IH weber lumber wagon A1-condition 717 924 3121, Sullivan Co

For Sale - 57 Chevy Flatbed Truck, 11000 gross, good running condition, solid bed, good rubber plus extra tires 215-767-6864, 215-756-6385, Lehigh Co

For Sale - 1970 Mack 318 Det 10 sp. Full screw good shape, Sale or Trade, 717-649-5501, Northumberland Co

For Sale - Big proven twin Suffolk ram. Born Feb. 82 $100 00 or trade for good hay. Bucks Co., 215-822-1639

Wanted - 3 pt. hitch post hole digger, preferably Danuser or Shaver model. Federick Co. Md. 301-663-1257.

For Sale - NH 327 spreader, 3 beater, w/new web nice shape $1175. Lanc. Co. 215-445-4266.

For Sale - Cow stantions, clamp & pipe, 4 row JD corn planter, parts for Allis 66 combine. Bucks Co 215-249-3900

Wanted - Winch for D2 Cat. Amos H Stoltzfus, 15920 Mt Green Rd Spring Run, Pa 17262.

For Sale - Ford pickup, 1967 F100 w/racks 6 cy 3 sp. Good old truck for $800 Elkton, Md 301-398-6337

For Sale - Hardy potted Mums & Creeping Vina Lanc. Co Herschbergers Greenhouse ½ mile east Kirkwood Pa.

For Sale - Winnebago Indian truck camper $1200. 81 Chevy Caprice diesel wagon, 50-K, $5000 Chester Co 215-274-8019

MAILBOX MARKET

For Sale O Frick sawmill w/long mantral, steel wheys, 4 head blocks, D8800 Cat power unit Juniata Co 717-436 2500.

Wanted - Fox Hound, must be straight to start young dog Columbia Co 717-356-7651

For Sale - 1951 Dodge Meadowbrook & 275 gal. fuel tank w/stand Fulton Co. 717-485-4186

For Sale - 1972 Ford Galaxie 500 in good cond $1000/best offer if interested Snyder Co. 717-837-3271 after 5.30 p m

Wanted - To rent, farmland. Write PO Box 17, Lemoyne Pa 17043.

For Sale - Ford 800 series, 45 HP w/live PTO, good cond 7' Monarch snow blade, hyd. lift. Montg. Co 215-679-4229

Wanted - Cab to fit Case 930CK tractor Potter Co 814-228-3488

For Sale - Case 600 Caseomatic w/7' mower $1900. AC 14' Batwing disc $950/best offer Luz Co. 717-759-0921

Wanted - Used York stone rake & backhoe for JD 950 (JD 1550 or 3 pt) Luz Co. 717-825-0073 after 5.30

Wanted - Old fashioned market wagon, any cond Bucks Co 215-766-8787 after 6 p m

For Sale - 10 Hereford feeders 600 lb Tioga Co 717-638-2567

For Sale - Cookstove $250/best offer, 1 pair Chinese Weeder Geese $30. Berks Co 215-286-0128

For Sale - Land, Juniata Co near Richfield 11½ acres, wooded & cleared w/stream & spring $14,000 717-535-5821

For Sale - '77' Morgan 22 ft Van body Overhead rear door, excellent condition 814-643-5163 eves

For Sale - 17' MGS Car Trailer, Solid Deck, excellent condition, less than 100 miles on road, $1850. 717-458-6526, Columbia Co

Wanted - a slicing machine in good operating condition (717) 933-4318, Berks Co

For Sale - Rabbits and white king pigeons Joe E Stoltzfus, Box 346, RD#1, Peach Bottom, 17563, ½ mi. east of Wakefield.

For Sale - 4-14" Trip Bottom JD Trailer Plow York Co., 717-225-4126, $200 00.

Wanted - Used Free Stalls in good condition Bedford Co, 814-652-9256

For Sale - Ashley wood Stove looks like new Ammon S Fisher, Box 28 Hess Rd., Quarryville #3, Pa 17566

Wanted - Fullgrown German Sheperd dog, black and silver, purebred Papers not necessary. Must be gentle w/children. Lanc Co, 215-267-2076.

For Sale - JD Equipment Good #1250 4x16 plow P.T.O. Manure Spreader #15A Flail Chopper, I-H Harvester, Dauphin Co, 717-692-4334 eves.

For Sale - MF 33 grain drill 17 disk, $1200.00 w/liquid and dry fertilizer. 1100 MF tractor $4000.00, 215-286-9197, Elverson, Pa

For Sale - (1) Suffolk Ram & (1) Mixed Ram Both Aprrox 1½ yrs old Ready for breeding North'd Co, 717-758-8085

For Sale - 1 set weed tire chains. Like new, fits 8-55-14 G 78-14 or F 78-15 $20 00. Laying nests 717-272-0939

For Sale - One miller cut back show saddle asking $100, one Argentina saddle asking $100 Montour Co, 717-275-0208.

Wanted To Buy - Miniature Stud Horse about 25" to 30", James City Co, 804-564-3874

MAILBOX MARKET

For Sale 4000 [illegible] 1"-1¼", also Cherry & Poplar 717 776 3239 after 5 p m

For Sale - 3 AKC Australian cattle (Blue Heeler) dog pups Amos E Kauffman, RD #1, Box 276, Christiana, Pa 17509

Wanted - Corn head for 2100 Fox forage harvester, narrow or wide York Co. 717-225-3613

For Sale Standardbred carriage horse, traffic safe & sound, Lanc Co 215 445-7468

For Sale - 7 mo old Billy goat, Nubian Toggenburg cross $45 Lanc Co 717-665-5893

For Sale - Reg ½ Arab pony 13-2 grey, rides, drives, children lost interest $900. cart & harness. Franklin Co 717-597-3680

For Sale - 12' pull drag harrow $100. Canvas off of Int 76 combine only $150 Snyder Co 717-539-8772 eves

For Sale - Trucks 1974 LN700 Ford 18' Omaha standard flat, dump $6500 1973 Ford 7,000 $3500 Aurora, WV 304-735-3352

For Sale - 275 gal fuel tank & fittings $65 Amos J King, 3527 W Newport Rd Ronks, Pa 17572

For Sale - Suburban wood furnace master automatic connect w/existing hot air furnace $325 roofing paper $6/roll 215-445-6885

For Sale 20 Red Comet pullets, just starting to lay Lanc Co 215 267-5345

Notice For Rent, fresh Holstein heifers $1/day w/option to buy w/rent Adams Co 717-528-4914

Notice - For Rent, 2 bedroom mobile home on farm, sec dep, ref For Sale Rabbits, variety meat Chester Co 215 384-0961

For Sale 13', 14' gates, 17 heavy loop free stalls, waterer, bulk tank, compressor, water heater, flor lights Montg Co 215-679-4713

For Sale - Goats part Nubian, 9 mo old females 717-656-8964

For Sale - Front end loader for Satoh Beaver or other small tractor, nice cond $300/trade. Berks Co 717-933-8105

For Sale - 2 yr old Percheron mare, LaBell's Duhr, shown at farm show of Columbus Ohio Centre Co 814-355-1922

For Sale - 2 acre wood lots, perked, road frontage, elec, w/stream in Juniata Co $6000-$6800 Lanc Co 215-445-5212

For Sale - 20 - 6 pain windows 31x32, cast iron 3&5&8 lb window weights. York Co 717 428-1258 after 5

For Sale - MF 110 manure spreader (very good), 3 Smidley feeders 12, 8&4 hole York Co 717-993-2254.

For Sale - Cider apples, Red & Golden Delicious Luzerne Co 717-654-7343.

For Sale - Yearling grey reg Percheron Stallion. Cecil Co. Md 301-658-6052

For Sale - 1959 Ford dump truck, good running cond Berks Co 215-929-4661

For Sale - 5 AKC female Cocker Spaniel breeders Leb Co. 717-949-3134

For Sale - Chianina-Angus club calves 3/8 through 5/8 Hershey 717-533-7051

For Sale 1 double basin cement washtub, 275 gal fuel tank w/pump on skids, 2 wardrobe closets 717-865-2894

For Sale Woods Bros corn picker for parts $75 Wood & metal theatre seats in 2,3,5 sections Leb Co 717-838-1434

MAILBOX MARKET

For Sale 5 yr old standardbred carriage horse needs training Willis S Martin R#4 E Farmersville Rd Ephrata, Pa 17522

For Sale - Two female goats, Lanc Co 717-665 2513

For Sale - Louvered shutters 14½" x 62½", express wagons, hydraulic components, wheels. Wanted - used air compresser tank, approx 40 gal Lanc Co 215-267 3054

For Sale - 200 amp service, double throw switch box, meter base, complete with wires, 2 yrs old. Northumberland Co 717-275 5766

For Sale - 1972 Kawasaki 350, triple Excellent cond, excellent for collector and rider Great Christmas gift idea York 717-252-1008 $595

For Sale - JD 40 crawier bellhousing 4, 14" Monte Carlo wheels $35 67 Nova rear, $35 Lanc Co 717-733-0223

For Sale - JD 8' disc harrow, $200 7' MH disc harrow $150 AC 904 haybine, $500 215-598-7527 Bucks Co

For Sale - AKC Golden Retriever puppies, $200 for females, $150 for males 717-733-3438 after 5 30 Lanc Co

For Sale - 2 white rabbits, 1 buck and 1 doe Also 2 rabbit hutches, Lanc Co 717-665-2126

For Sale - 1974 Dodge pickup, 318 engine, runs good, rough body, $495 neg good farm truck Lanc Co 717-898-7180

For Sale - 16 hand Roan Standardbred carriage horse, safe sound Amos S Martin, Conestoga Creek Rd, South-Terre Hill, Lanc Co

For Sale Bender milk dumpimg station, trip scale for bin auger, 36" Choretime flex auger 717-624-8124 Adams Co

For Sale - Mighty-Mac leaf shredder, like new, w/5 HP Briggs engine, $250 Bolens 24" snow blower, $50 717 354-9357 Lanc Co

For Sale - Muscovy ducks, live or dressed Used NH double mower guards David B Zook, R1 1054-F, Bethel, PA 19507

For Sale - 1979 Datsun long bed, 5 speed pick-up, all steel belted Michelin tires, excellent cond, $4495 Lanc Co 215-267-6174

For Sale Live turkeys to finish 12-14 lbs, York Co 717-252-3732

For Sale - 20 acres ear corn, will pick Lanc Co 215-445-6698

For Sale - IH #10 grain drill, 13x7, grass seeder, fertilizer & mechanical lift, good cond, $1000 717-548-3178 Lanc. Co

For Sale - Speedy 1200 bu. corn crib, 18 4x38 axle duals for IHC tracotr, 175 IHC manure spreader York Co 717-993-6146

For Sale - Firewood, oak & hickory, you cut $20 pickup load I cut $45/pickup Lanc Co Melvin K Zook, Christiana #1 Pa

For Sale - 4 yr old Reg Jersey bull, Forester Midnight Son. Ben E Stoltzfus, R1 Box 345, Peach Bottom, Pa. 17563

For Sale - 16 ft Eby aluminum grain body with livestock conversion, Chester Co 215-593-6394

For Sale - Young Partridge Cochen Bantoms $9/pair Leb Co 717-273-5957 eves

For Sale - Shropshire ram & ewe lambs Aged ewes, yearling & 3 yr old ram D'Ambra bloodlines Leb Co 717-949-3653

Wanted Litter carrier track in good cond & hangers, want approx 300' Union Co 717 966 0231

MAILBOX MARKET

For Sale 2 Oliver 70 s w/implements 2 Caterpillars 20 & 28 Also TD 14 crawler tractor Lanc Co 215 445 6032

For Sale Pickup box 1981 Ford like new cond $800 or best offer Hegins, PA Sch Co 717 682-9416

Notice Free two 4 month old female Border Collie pups, very good w/children also w/cows Chester Co 717 529 2396

For Sale 16 fluorescent lights, 4' long w/2 bulbs $120 6 cyl IHC engine, gas, v g cond, $400 215 696-1703 West Chester

For Sale Northern NY, 100 acre beef and hay farm near St Lawrence river Large barn, modernized house $65,000 315-324-5552

For Sale - Mobile home, 12x60 furnished 2 bedroom, central air, $2500 717 464-2251 Lanc Co

For Sale - Ford 2 row mounted corn picker made to fit Farmall York Co 717-252-1466 or 252 2633 after 8 p m

For Sale - 1924 Mc-Deering 10-20 on steel Serial No 11810-original-good running condition-unpainted-$1,100 firm Lanc Co 717-464-4498

For Sale - 1974 MF 410G combine, quick tach 14' grain and 4 row N corn head Schuylkill Co. $8500 717-682-3709

Wanted Gravely implements particulary snow blower, reasonably priced, please, Lehigh Co, 215-264-3025 or 215 264-2394

MAILBOX MARKET

For Sale Standard bred carriage horse good manners sound needs more road Abner S Beiler, 370 Newport Road, Ronks

For Sale Oliver 415 sicklebar mower trailer type $325 15' corn elevator $100 Haban sicklebar mower, $175 Lanc Co 717 733 7185

For Sale J Hefty 6"x50 portable grain auger w/5 HP 1 phase electric motor, exc $750 North'd Co 717 648-4047

For Sale Firewood, $35 per load by trailer load in Lanc area, Juniata Co 717-527 4828

For Sale Hobart Kitchen Aid 5-quart deluxe mixer Hardly used Exc cond must sell $190/best offer Leb Co 717 933 5252

For Sale New 16 ft hay wagon, complete $875 New 17 bu feed cart, air tires, $130 Leb Co 717 949-2147

For Sale Char-Lyn Hyd motors 65 Dodge, dual wheel, 1 ton 74 Ford ½ ton for parts York Co 717-927 6967

For Sale Rye seed for cover crop, field run Lanc Co 717-285-5226

For Sale 3010 diesel WFE or NFE, good rubber good cond, synchro range Perry Co 717 789 4209

For Sale Old cigars Blackstone Ultra made in 1963 in sealed packs very mild, 10 cents each 717 653-4859

For Sale Case 300 tractor $1300 Two bottom plow $200 Disc $150 Moved, must sell 717-626 0846 Lanc Co

Lancaster Farming

Subscription Service

• CHANGE OF ADDRESS?

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MAILBOX MARKET

For Sale 18 sow herd and young boar call 717 658 3125 Snyder Co

For Sale F 12 tractor on rubber and in running condition Cumb Co 717 776 7402 after 6 PM

Wanted 50-100 used pieces of tin 717 862 3502 York Co

For Sale 10 mo old bull Marvex Grandson Dams record 25 425m 918 Fat Benuel F Esh R2 Peach Bottom, Pa 17563

For Sale Living room heatrola, good cond $25 Ewin Hoover, R1 Denver Pa 17507 1 mi W of Bowmansville

For Sale Reg Australian Shepherd puppies Good stock and watch dogs No Sunday calls 717 485 5636

For Sale Shield to attach to wet lime spreading truck to spread dry lime or fertilizer on windy days Schuylkill Co 717 467 2035

For Sale ½ H electric meat grinder, Sears chain saw & 2 feeder steers Wm McPeak R1 Hackettstown, NJ 07840

For Sale Silage conveyer single chain wood Weaver Star 85' long Best offer, also Ritchie two lid hog waterer 717 426 1395

TRUCKS & TRAILERS

Trailers for sale - 45' x 13'6" brown van, slider on 20, 40' frue Aluminum pot livestock (for corn crib), 42' Trailmobile NWD 30 reefer (bad floor), 40' Brown flat, 40' storage trailers Keens, 717-626-5420

1978 Int. 1800 446 V-8, 5&2, PS, extra long frame, would make good hay truck, 254" wheel base, 28,080 GVW. 1978 Int 1750 466 diesel, 5&2, PS, double frame, 10:00x20 tires, 187" wheel base, 28,000 GVW 1979 Int 1854 S model 466 diesel, 5&2, PS, double frame, 236" wheel base, 27,080 GVW. 301-877-9889.

For Sale - 1976 Ford 4x4 crew cab pickup, green, 4 speed, 390 V8, less than 50,000 miles $3,200 717-374-1958.

For Sale - 1966 GMC V-6 4+2 12' grain body dump, good cond., $3000/BO. Berks, 215-562-3116

For Sale - 1981 Olds OMEGA, 4 door, automatic power steering, air, 40,000 miles like new, 79 Chev pick-up, 6 cyl automatic, 46,000 miles, large bed, step bumper, Lebanon Co., Lester Hess 717-273-6018

For Sale - '79 4 wheel drive Chevy Suburban, 350, 48,000 miles, Silver Rodo, loaded Excellent Cond., $9,475. 717-733-1006.

For Sale - 4 tandem dump trailers, 28' aluminum and steel, cheap. 814-623-9696.

1976 Ravens dump trailer, aluminum frame, 28', 11:25x5 tires, coal chute, PA inspection, good condition, 215-273-3211.

1974 International 4070 CO, 350 Cummins w/blower, 13 speed Road Ranger, Budd wheels w/brand new Bridgestone radials, new Emrod paint, wetline, 50,000 miles on engine, w/two 120 gallon aluminum fuel tanks, w/26' city dump trailer, will sell together or separate. 717-789-3035 7 AM or 9 PM.

FR 78x15 New Goodyear winter tread, recapped radial whitewall tires, $17.00 each, no casings needed! 900 x 20 used radial tires with at least 60% tread remaining, $85.00 each. 717-859-3168, Lancaster

International 574 Tractor, diesel, PS, 15 9 x 28 tires, power adjust wheels, dual remotes, excellent condition, low hours. $5,600 Westmoreland Co 412-539-2849

TRUCKS & TRAILERS

IHC 2110 with new 16' dump bed, ideal for firewood, mulch, grain, etc., excellent cond., 717-225-5285 after 4 PM.

1971 GMC Cabover, 13 speed, 318 Detroit, 38,000 rears, Jake, wetling, and 1974 28' Penn dump trailer, grain door, air, tailgate, tarp. Excellent condition, $18,500, 1972 Fruehauf 40' flap trailer, $3500, Hays Santy Farm, Scottdale, PA 15683. 412-887-8286.

Wanted to buy - Storage trailers and office trailers for construction jobs. 301-771-4529.

For Sale - 1974 Dodge pickup, 318, 4 speed, good condition $1795. 717-733-9379.

For Sale - 3800 gallon tanker by Fire Co., 717-285-5050.

1972 International Flatbed w/over-cab rack, holds 325 bales hay $4800. 703-476-5577.

For Sale - 1974 Chevrolet dump truck, 17 ft. grain bed, 33,000 lbs. gross, 717-444-3968.

1966 International 2000 lime and fertilizer spreader truck, 33,000 gross, good condition. 717-993-6328.

For Sale - 40' used cattle trailer, reasonably priced, ideal for housing young cattle or storage. 301-578-1224.

For Sale - 1949 Ford truck 11,000 gross as is. Call 717-266-1827 after 5 PM.

1968 F600 cattle truck 8'x15' good condition. $2195. 717-285-3481 Columbia, Pa.

Energy hydraulic truck hoists sales and service. Anderson's Repair Shop. 717-244-2039.

For Sale - Ford F350 1971 9' body steel plate floor motor, recently overhauled, slide-in cattle racks available. Phone 717-682-3245.

1979 Ford 3/4 ton XLT Ranger Super Cab, 4 WD, lock out hubs, 400 eng., 4 speed, loaded with extras, 32,000 miles $6500, must see to appreciate, Meyersdale, PA, 814-634-8144.

'82 Chevy S10, V6, 4 speed, ps, short bed. Tahoe package, $5595; '80 Chevy Luv, 4x4, 4 speed, AC, short bed with cab $5595; '80 Dodge D50 pick up, low mileage, auto., ps $3895, 717-733-8985.

For Sale - 1976 Chevy cattle truck with 22' aluminum box, 427 engine, good shape, also sliding fifth wheel pump, Lancaster Co., 717-367-3202.

For Sale - 1977 Dodge ½ ton pickup 318 automatic, no rust, four new tires with new brake lining and new muffler. Clean. Phone 717-436-8628 price $2200.

For Sale - 1980 Ford 150 pickup, PS, PB, AM-FM Radio, Electric brakes, 6 cyl. 4 speed, dual fuel tanks, low mileage. 717-949-2366.

1700 IH truck with 23' gooseneck flatbed trailer V.G. condition, $3200 for both. 201-746-3321 evenings.

'82 Ford F150 XL 4 wheel drive pickup. 302 auto, PB, PS, AM-FM, dual tanks $8,750. 717-733-2873.

1969 D 1000 Dodge truck, 250 Cummins, recent overhaul, 10 speed Road Ranger, tandem axle, air conditioning and PS, 717-949-3074.

'82 GMC 3500 1 ton cab and chassis, 350 auto, PB, PS, dual tanks, radial tires, 10,000 GVW, 17,000 miles $7900. 717-733-2873.

1980 Ford F350, dual wheel 8' stake, body truck, 400 auto., PB, PS, air with 5th wheel hookup, excellent condition, $5,800. 717-733-2873.

TRUCKS & TRAILERS

GMC 76 crewcab, dually, automatic, 464, completely rebuilt, and Kingston 77, gooseneck, four horse, trailer, side ramps, 5 ft., dressing room, lightly used. All excellent condition, ready to go. Asking $12,000. 609-466-3426 after 5 PM

TRUCKS & TRAILERS

Wanted - Trucks and Storage trailers. We also buy trucks for parts and truck parts, motors, trans. and rears. Gas or diesel. Berks Co. 215-944-9871.

16' truck bed $800, '70 International cab and hoist $3500, '77 Jeep J20 $3400. 717-786-1882.

*New 1983 D-50 Pick-Up
Turbo Diesel, Rebate
$700 Our Discount
$500 Total of $1200 Off
*1984 Aries 4 door
*2-1980 Colts, auto. and 4 speed
Special price, $3795
*1982 TC3, 2 door, 1 owner, special price
like new
*2 - 1981 Omni, stick & automatic
*1981 B-350 Van, 9000 GVW
*1984 Van

PETTICOFFER DODGE, INC.
Route 230 East Next to Shopping Center
Elizabethtown, PA
PHONE: 717-367-1808

SAVE BIG BUCK$
ON OUR TRUCKS!

FORD F350 Diesel or Gas

ALWAYS IN STOCK
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Immediate Delivery

New Holland Ford

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New Holland, Pa
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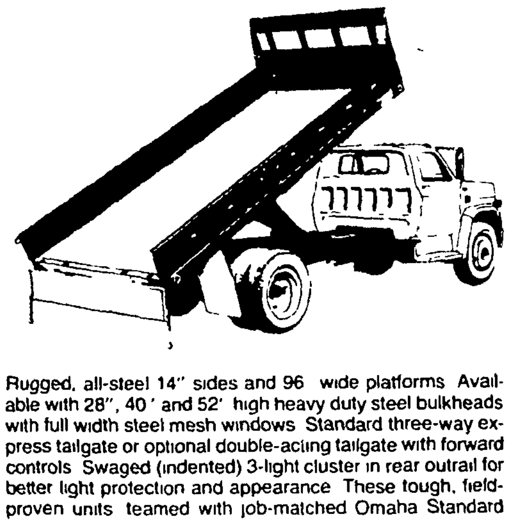
Contractor Bodies
by OMAHA STANDARD



Rugged, all-steel 14" sides and 96 wide platforms Available with 28", 40' and 52' high heavy duty steel bulkheads with full width steel mesh windows Standard three-way express tailgate or optional double-acting tailgate with forward controls Swaged (indented) 3-light cluster in rear outrail for better light protection and appearance These tough, field-proven units teamed with job-matched Omaha Standard hoists, are total working units superior to any on the market

FARMERSVILLE EQUIPMENT
INC.

RD 4, East Farmersville Road
Ephrata, PA 17522
Located in the Village of Farmersville,
Lancaster County
717-354-4271

Omaha Standard

TRUCKS & TRAILERS

For Sale - 9', 10', 19' & 20' wooden livestock bodies. 20' Morgan van body. 20' van body. M.H. Eby, Inc., Blue Ball 717-354-4971.

TRUCKS & TRAILERS

For Sale - IH 2000D grain truck, 600 bu. cap. Air tag axle, 22 ton hoist, good cond., Warren Co., NJ 201-753-5313.

TRUCKS & TRAILERS

1973 Int. 2110 tilt bed truck w/hyd. winch; 1973 General 3 axle tag along trailer; 955H Cat. loader. 717-648-7015.

TRUCKS & TRAILERS

1974 IHC 1910 10 wheeler truck, new grain body and hoist, all new tires, all in perfect condition. Call after 6 PM 301-429-2962.

MIKE RHODES & CO.

"THE TRUCK PEOPLE"
Rt. 663 & Swamp Pike, Gilbertsville, Pa.

Area Code 717 or 215 Call Toll Free
1-800-362-7655
or 215-327-1380

PICK-UPS

1982 Ford F100 Custom, 6 Cyl., 3 Speed, AM-FM, 16,000 Miles	$7495
1982 Chevy Luv, 4 Cyl., Diesel, 5 Speed, PB, AM-FM Radio, 42 Miles	$7995
1981 Ford F250 Custom, 300 6-Cyl., 3 Speed, PS, PB, 21,000 Miles	$6995
1981 GMC Sierra 305, V8, Auto., PS, PB, AM-FM, Chrome Rails, 2 Tone Red & White	$7495
1981 Ford F100 Custom, 300 6-Cyl., 3 Spd. with Overdrive, PS, AM Radio	$6995
1980 Chevy Blazer, 2 WD, 6 Cyl., Auto., PS, PB, Air Cond., AM-FM & tape, All Black, 29,000 Miles	$7995
1980 Ford F100 Ranger XLT, Short Bed Step Side, 302 V8, Auto., PS, PB, AM-FM Stereo, 2 Tone Paint	$7495
1980 GMC Shortbed, Heavy ½, 350 V8, 4 Speed, PS, PB, Air Cond., AM-FM, 2-Tone Silver & Grey	$6895
1980 Chevy C10 Custom, 4.1 6-Cyl., 3 Speed, PS, PB, AM-FM & Cassette, only 8,000 Miles, Like New	$6995
1979 Chevy C10 Bonanza, 305 V8, Auto., AM-FM, Tilt Wheel, PS, PB, 2 Tone Yellow & White, Only 21,000 Miles	$6995
1979 Chevy Shortbed Scottsdale, 305 V8, Auto., PS, PB, AM-FM Stereo, Air Cond., Tilt Wheel, 2 Tone Br. & Tan	$6995
1979 Datsun, 4 Cyl., 4 Speed, AM-FM, 30,000 Miles	$4695
1979 Chevy Shortbed, Step Side, Cap, V8, St. Trans., AM-FM-Stereo, 8 Track	$4995
1979 Plymouth Arrow Sport, 4 Cyl., Auto., AM-FM Aluminum Cap	$4895
1978 Dodge D100 Short Bed, 6 Cyl., 4 Spd. Overdrive, AM-FM & Cassette	$4295
1978 Datsun, 4 Cyl., 4 Speed, AM-FM	$3695
1977 Ford F150 Custom, 351 V8, 4 Speed, PS, PB, AM-FM & 8-Track	$4495
1976 Chevy LUV, 4 Cyl., Auto., AM Radio, Cap, Only 48,000 Miles, Very Clean	$2995
1975 Chevy C-30, Dual Wheel Pickup, 350 V8, Auto., PS, PB, AM-FM, 55,000 Miles, Nice Truck	$5995

VANS

1979 Chevy Coachman Camper, V8, PS, PB, Air Cond., AM-FM-Stereo, Cruise Cont., Sleeps 4 w/½ Bath	$10,900
1979 Dodge Window Van, V8, Auto., PS, PB, Tilt Wheel, Air Cond., Stereo	$7995

DUMP TRUCK

1975 Chevy C65 8 Ft. Dump, with commercial size plow, 427 V8, 5 Speed, 2 Speed Rear, 10x20 Tires, 28,000 GVW	$8995

4 WHEEL DRIVES

1984 Ford Bronco XLT (New!), 302 V8, PS, PB, Air Cond., AM-FM & Cassette, Privacy Glass, Lockout Hubs, Tilt Wheel, Cruise Control, Rr. Defogger, 2 Tone Blue & Silver	$16,900
1983 Ford F150 Explorer, 302 V8, Auto., PS, PB, Lockout Hubs, 2 Tone Paint, Like New, 4,000 Miles	$12,900
1982 Bronco Custom, 6 Cyl., 4 Speed, Lockout Hubs, PS, PB	$11,900
1982 Chevy Silverado, Shortbed, 305 V8, Auto., PS, PB, Power Windows & Locks, Cr. Control, Tilt Wheel, 2-Tone Paint	$12,900
1981 Chevy Blazer Silverado, 305 V8, Auto., PS, PB, Air Cond., Power Windows & Locks, AM-FM Stereo	$12,900
1979 Ford F150 Ranger, 351 V8, Auto, PS, PB, AM Radio, Lockout Hubs, 2-Tone Paint, 34,000 Miles	$7695
1979 Toyota Land Cruiser, 6 Cyl, 4 Speed, PB, AM-FM & Cassette, Roll Bar	$5995
1979 Dodge Ram Charger, 318, V8, Auto., PS, PB	$6995
1979 Ford Bronco, 351 V8, Auto., PS, PB, Air Cond., AM-FM Radio, Lockout Hubs, White Spoke Wheels, Raised Letter Tires	$9495
1979 Chevy Suburban, 350 V8, Auto., PS, PB, Lockout Hubs, Winch, AM-FM, 39,000 Miles	$7995
1978 Chevy Blazer, 350 V8, 4 Speed, PS, PB, AM Radio	$6995
1978 Chevy Short Bed Scottsdale, Step Side, 350 V8, Auto., PS, PB, AM Radio, Dual Gas Tanks, 39,000 Miles	$7995
1978 Ford F250 Crew Cab, 351 V8, Auto., PS, PB, AM Radio, Lockout Hubs, Toneau Cover, 48,000 Miles	$7995
1978 Chevy Shortbed, Black, V8, PS, PB, Air Cond.	$7995
1972 Chevy Suburban, 350 V8, Auto., PS, PB, Dual Air Cond., Runs Great!	$2995

STAKE BODY

1978 F350 12' Stake, Dual Wheel, 10,000 GVW, 351 V8, 4 Speed, PS, PB, Rebuilt Motor, New Clutch & Pressure Plate	$6995
1973 GMC 500 Stake Body, 350 V8, New Short Block, 4 Spds., PS, 18,500 GVW, 12' Body	$3995

UTILITY BODY

1980 Chevy C30, Dual Wheel, with Morreysville 10' Utility Body, 454 V8, 4 Spd., PS, PB, Dual Tanks, 10,000 GVW	$8995

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OLDSMOBILE DEALERS!
★ Long-Term Leasing Available ★

TRUCKS & TRAILERS

'81 Dodge 150 ½ ton pickup, 6 cyl., 3 speed overdrive, PS/PB, AM-FM, black, excellent condition, $4750. 717-733-2873.

'79 Ford F150 Super Cab pickup, 302 auto., PS/PB, AM-FM, w/topper, 43,000 miles, excellent condition, $5450. 717-733-2873.

1974 IH CAB OVER
4070A, 13 SPEED
TRANSMISSION, 318
DETROIT DIESEL, PS,
SLIDING 5th WHEEL,
GOOD RADIAL TIRES
215-286-9510

REAL ESTATE

SALE OF REAL ESTATE BY UNITED STATES GOVERNMENT. Property consists of 69.55 acres ±, large farm house, bank barn, corn barn, 32' x 148' hog farrowing barn and 28' x 148' hog finishing barn, and two wells. Formerly owned by Daniel S. and Ruth A. Allgyer, located in Lower Chanceford Township, County of York, Pennsylvania. This property is located on Route 425 approximately 1.5 miles South of Airville, Pa.

BID DEPOSIT: Bid must be accompanied by cash (sent at bidder's risk), certified check, cashier's check, postal money order, bank money order, or personal check, payable to the Treasurer of the United States, for at least five percent (5%) of the total bid.

RATES AND TERMS: Cash or terms of not less than a five percent (5%) down payment with the remaining balance amortized over a period not to exceed 25 years at ten and three quarters percent (10¾%) interest.

TERMS OF SALE: Contact County Supervisor, Farmers Home Administration, 124 Pleasant Acres Road, York, Pa. 17042, for an appointment to inspect the property. Sealed bids are invited and will be accepted until 12:00 P.M. EDST, November 2, 1983, at the Farmers Home Administration, 124 Pleasant Acres Road, York, Pa. 17402, and will be opened publicly at 1:00 P.M. EDST, the same date and place. The Government reserves the right to reject any or all bids. This property will be sold without regard to race, color, religion, sex, age, national origin, or marital status.

For further information and bid forms, contact the Farmers Home Administration, 124 Pleasant Acres Road, York, Pa., or call 717-757-7635.

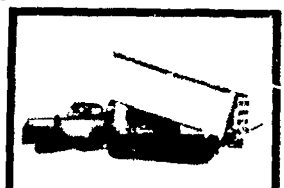
PA tavern in heart of the Tioga Hammond Dam, excellent business, lock, stock and barrel, $110,000. 717-835-5115 except Monday.

For Sale - 15 acre hog farm, Nebraska hog house, 600 capacity, converted barn 320 capacity, also veal barn, 10 acres tillable, 1 acre woodland, Dauphin Co., near Hershey, 717-944-1007.

COMMERCIAL PROPERTY - Miller's Food Market, 18 East Main Street, Annville. Approximately 5500 square feet for business, parking for 12 to 14 cams, 2 very nice apartments on 2nd floor, financing available, excellent opportunity for innovative, assertive person, call Rauch Real Estate, 717-867-2445 or 717-274-2546.

For Sale - Assortment of 10 acre plus tracts with southern exposure in Snyder County, some wooded; Middlecreek, Washington, and Franklin Townships - $12,000 each, larger tracts available. Call George Robinson, 717-374-8148, evenings 717-374-4394.

TRUCKS & TRAILERS



1971 IH TRI-AXLE CONSTRUCTOR
With 19 Ft. Aluminum
Dump, 15 Speed,
250 Cummins Engine
EXCELLENT GRAIN TRUCK
(717) 274-2693

REAL ESTATE

For Sale - 67 acre farm, same owner 37 years, near Reading PA. 4 bedroom house, 40'x90' barn, sheds, silo, creek, large pond, $195,000, private will help financing, 215-693-5624.

BUSINESS OPPORTUNITY: North of Lebanon, 22 acres, has large steel building with 15,000 sq. ft. Many possibilities. $320,000. Rauch Real Estate, 717-867-2445, 717-274-2546.

Farm for sale by owner, 145 acres, 104 tillable, 40 acres woodland, near MD and PA line, 301-778-6640.

FARMS FOR SALE
40 acres, $87,500
Will divide.
91 acres, $212,000
Good hunting.
142 acres, $280,000
Dairy farm.
145 acres, $165,000
Good hunting.
264 acres, $595,000
Good buildings.
Good hunting.
295 acres, $690,000
Good hunting.
Cooper-Barroll Realty
Galena, MD 21635
301-648-5593

Dairy Farm - Central, NY. 280 acre, 84 stall barn, new pipeline bulk tank. Two 20x50 silos, outbuildings, two homes in excellent condition. Call for details 315-662-7708.

For Sale by owner - 183 acre dairy farm with equipment and 50 productive Holstein cows, located east Tennessee in Whitesburg Community, $240,000. 615-581-1766.

Modern swine farrowing operation on 20 acres in Juniata Co., 13 room stone farm house with 6 fireplaces, barn 114x40, 30 crates, nursery, asking $129,000, owner must sell, all offers considered, call 717-463-3686 or 436-8929.

YORK COUNTY: Lovely 25 ac m/l setting, 2½ story farm house, newly insulated, new kit & bath, 2 barns, all fenced in, great for horses, close to Norman Wood Bridge. Value Real Estate 717-246-1676.

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses. Write Dept. LF, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, PA 15044.

For Sale - 20 acres of wooded mountain land. Located 6 miles northwest of Reedsville in near Cooper's Gap area, in prime hunting area of the Keystone State 38,000. Contact or write John B. Hostetler, Box 39, Reedsville, PA 17084.

For Sale - 147 acre limestone farm with 60x120' barn (40 stalls), 20x70 1977 silo with unloader, single pipeline milkers with 500 gallon bulk tank, 4 bedroom brick house, excellent cond., contact R.L. Simons and Associates, 717-249-5555.

Sheep or cattle farm with good rolling pasture, large bank barn, 3 springs, 2 streams, 9 room house with bath and full basement, 160 acres, 703-337-1509.

REAL ESTATE

40 acres woodland and open land. Providence Twp. Frontage on Rt. 222, $99,500. Rltr. After 6 PM 717-687-8389.

HUNTINGDON CO. 55 acres, house, barn, stream. 15 miles from Penn State campus and Belleville. Excellent hunting and fishing. Sixties.
CENTRE CO. 35 lot subdivision between 2 industrial parks, 1 1/2 miles from Penn State campus. Ripe for development Owner financing. LILLIAN HUSTED, REALTOR, STATE COLLEGE, PA. 16801 814-237-4221 or 238-1944.

FRANKLIN COUNTY - dairy and general farms, Koons Real Estate, Inc., 717-597-8300. Roger Wildeson R.E.S., 717-263-5702.

SALE OF REAL ESTATE BY UNITED STATES GOVERNMENT. Property consists of 76± acres, farm house, 26' x 50 hog barn and miscellaneous out buildings. Formerly owned by John W. and Mary L. Thompson, located in Lower Chanceford Township, County of York, Pennsylvania. This property is located just off of Route 74 on Castle Fin Road.

BID DEPOSIT: Bid must be accompanied by cash (sent at bidder's risk), certified check, cashier's check, postal money order, bank money order, or personal check, payable to the Treasurer of the United States, for at least five percent (5%) of the total bid.

RATES AND TERMS: Cash or terms of not less than a five percent (5%) down payment with the remaining balance amortized over a period not to exceed 25 years at ten and three quarters percent (10¾%) interest.

TERMS OF SALE: Contact County Supervisor, Farmers Home Administration, 124 Pleasant Acres Road, York, Pa. 17042, for an appointment to inspect the property. Sealed bids are invited and will be accepted until 12:00 P.M. EDST, November 2, 1983, at the Farmers Home Administration, 124 Pleasant Acres Road, York, Pa. 17402, and will be opened publicly at 2:00 P.M. EDST, the same date and place. The Government reserves the right to reject any or all bids. This property will be sold without regard to race, color, religion, sex, age, national origin, or marital status.

For further information and bid forms, contact the Farmers Home Administration, 124 Pleasant Acres Road, York, Pa., or call 717-757-7635.

38 year old part-time farmer, Christian bachelor would like to work-buy into fulltime farming operation. Could sell my farm for down payment on going operation. P.O. Box 272, Owings Mill, MD 21117.

Hunters, Fishermen and Campers - 50 acres plus or minus, 4 room cottage, large barn in picturesque Sullivan County. Mountain setting, stream through acreage, year-round recreation. Owner financing to qualified buyer. Peggy L'Heureux Real Estate, Inc., 4 East Third St., Williamsport, PA 17701. 717-326-6541.

Near Fairhill Elkton Maryland, 106 acres completely remodeled 5 BR. stone w/new log addition overlooking pond. Bank barn plus buildings. 70 acres hay balance pasture, woods, two streams, mint condition. Owner financing, $385,000. 301-398-8667.

Wanted to buy on monthly installments - small place in country, 5 acres or more to raise milk goats, need a 3 bedroom house. Send replies to Lancaster Farming, PO Box 366, R-67, Lititz, PA 17543.

REAL ESTATE

For Lease - outstanding 330 acre dairy farm in Southern Tier NYS Harvestore and other silos, 70 cow barn and other buildings. 607-849-6097.

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301-996-2022.

Farmette, 12.66 shares, for sale by owner 717-259-9983.

Log cabin located in the mountains of Central Pennsylvania, excellent hunting and fishing available, located 3 miles northwest of Belleville, off Rt. 305 near Greenwood State Park. Two parcels of land included. One tract being of the dimensions of 75' x 101'. The other being 300' x 124'. Water available on property. Bids being accepted immediately. Mail bids and inquiry to Archie D. Stuck, 127 E. Main St., Belleville, PA 17004. Bids must be postmarked no later than Aug. 8, 1983. The owner reserves the right to reject any or all bids.

Farm for sale - 47 acres milking parlor, 2 barns, 4 bedroom house, 3 milies off I-95. Another 35 acre field with stream available. Good for horses or beef. Plenty road frontage. Call 301-734-6088.

For rent - 150 acre dairy farm, w/house or part of 42 staunchions. 301-833-1847.

145 acre dairy farm. May purchase with or without cows and machinery. Ralph Lee, Terra Alta, W. Va., 304-735-5703.

145 Acre farm with four bedroom house and horse barn, Williamsport area, call 717-745-7742 evenings.

Open land for sale, 33 acres, fields, pasture, borders large stream, hard top road, $30,000, 717-922-1410.

166 acre farm, all prime riverbottom land, 5000' square foot barn, good roof w/3 additional outside buildings 20x30, along the Susquehanna River near Williamsport, PA. Financing available. 717-398-2050.

SHENANDOAH VALLEY - 303 acre farm known as Mt. Pleasant, Circa 1750 Hessian house, stone walls, 3040 square feet, not including full attic and full basement, plenty of water, long road frontage on state Rt. 732 both sides, 11 buildings, 3 silos. For Details Call Melvin Sweeney Asso. and Realtors, 423 N. Coalter Street, Stauton, VA 24401, 703-886-3447, Melvin Sweeney 703-885-8390, David Craig 703-885-0252, David Brown 703-885-6317.

SHENANDOAH VALLEY - 83.28 acre farm with long road frontage on Rts. 796 and 795, 65 acres beautiful cropland, balance in pasture, large lake with 14 springs, many outbuildings, includes 10 room 2 story home. For Details call Melvin Sweeney Asso. and Realtors, 423 N. Coalter Street, Stauton Va, 703-886-3447, Melvin Sweeney 703-885-8390, David Craig 703-885-0252, David Brown 703-885-6317.

165 acre dairy farm for sale near Safe Harbor, Lancaster County. 135 acres tillable. New barn houses 144 cows. 12 cow milking parlor. 2½ story, 3 bedroom house. Warren Weaver, Realtors 717-393-0403.

130 acre Lebanon County Limestone Dairy farm high state of cultivation, 70 stalls 12x45 silo, 20x60 silo, 800 gal. tank, 11 room house, 2 baths, modern kitchen. 717-949-3191 Landis Tice, Jr RD#2 Myerstown, Pa 17067.

REAL ESTATE

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164

Dairy Farm in Camden New York 350 Acres 140 Tillable 60 pasture 150 Woods Sugarbust 90x2740 air strip Gravel pit 36x200 Dairy Barn pipeline Bulk tanks Barn Cleaner Silos and out buildings Three bedroom home Owner retiring $264 000 00

HENRY ENTERPRISES
8159 Turin Road
Rome, New York 13440
(315) 336-7582

CATALOG OF FARMS
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Recreational Property
FREE - Call or
Write Today!
AMERICAN FARM DIGEST
3546 WATSON RD
ST LOUIS, MO 63139
1-800-325-9943

221 ACRE FARM

2" stainless steel pipeline, tank, 3 silos, overlooking Seneca Lake.
Price reduced for quick sale.
Owner financing.
607-243-8669

Dairy Farm

250 acres 120 tillable 90 acres pasture w/creek through 40 acres woods Bank barn for 73 head 2 silos w/unloaders bulk tank milker and heifer barn 7 bedroom house spring drilled well Owner financing $135 000 00

LEW Real Estate
Dick Wilson Broker
141 Chestnut St
Corning, New York 14830

Farm For Sale

Huntingdon Co Dairy Farm 251 acres approx 150 tillable bal in pasture & woodland all limestone soil, 2 silos 1 20x60 1 16x50 96 free stalls 48 stanchions 2 s s pipeline 6 Delaval DV 300 milkers 800 gal bulk tank 2 equip sheds 1 40x80 1 38x40 cement block shop 38x48 w bath 1 story house 5 rooms & bath w/full basement garage in basement other out buildings $310 000 Ph 814 669 4985

10 ACRE FARM - Large 2½ story farmhouse w/5 bedrooms located near Penryn in Penn Twp Property includes many out buildings perfect for steer or hog farm gentleman farmer or someone specializing in custom farm work This excellent property has a super location on the corner of Penryn Rd & Oak Lane ML#64596 $125 000

PENN REALTY, INC.
112 S Main Street
Manheim, Pa 17545
(717-665-2401)

REAL ESTATE

1981 SUPERIOR MOBILE HOME

2 Bedrooms full skirted located in Gap area park Can stay or be moved Priced to sell at $10 000

LYCOMING COUNTY LODGE

3 Bedrooms Modern Kitchen and Bath Elec Heat Fireplace $39 900

Stanley R. BARR REALTORS
PEQUEA AVENUE • GAP PA
(717) 442-9221

REAL ESTATE

Franklin Co. Farms

268 acres modern dairy w double 6 parlor 210 free stalls

157 acres dairy 36 tie stall barn & loafing barn $157 000

105 acres general farm w lovely home make offer

95 acres grain farm excellent land modernized brick home

Also 100 acres of open land near Gettysburg w 70 acres tillable

VanCleve Real Estate
Phone 717 392 3032
anytime

SOUTHERN LANCASTER CO.

32 acre farm, offering a 9 stall house barn, a small barn, 3 paddocks, post and rail fence, inground swimming pool, a nice ranch home, must see. $178,000
215-932-5924

THE FAMILY FARM IS THE BACKBONE OF AGRICULTURE

Gentleman's estate in Lanc. Co. Southeast of Strasburg 67 acres, breathtaking view, small stream, very good all brick 6 bedrm , 2 bath home w/fireplace, plenty of trees including 30 acres open land, owner financing, new listing

100 acres Juniata Co Produce Farm, a good buy, close by Snyder-Perry Co. $125,000

Southern York Co general farm, 135 acres, 120 tillable, corn yield approx. 150 bu. per acre. 10,000 bu. grain bin plenty frontage for the invester Nearly remodeled stone home & much, much more at $2200/acre

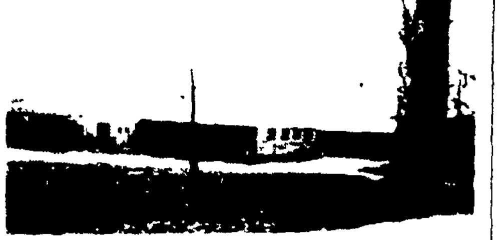
Buck 79 acres, no buildings, tillable & woodland, $2400 per acre

Thompsontown - McAlisterville lovely home, 72 till ac., plus woods, pasture, good spring, just over $1100 per acre.

Near Norman Wood Bridge. Good set of farm bldgs. on 50 acres. Quiet setting with pond, stream, and woods Approx 40 acres of prime tillable land Price to sell at $136,500. ML63868.

Nicely situated in a fertile Juniata Valley 140 acres, 72 tillable, 20 pasture, remainder woods, etc. Excellent gravity fed spring. Very good 7 room farmhouse, 2 baths Near Mennonite School and church $165,000

FOR THE HARD WORKING FARM FAMILY



Lancaster County Farm that you can make a good living. Beef, hog, veal, and tobacco sheds that will give you sources of income for the hard working farm family. Double brick home built in 1880 with new kitchen West Hempfield Township. Priced to sell under $4,200 an acre

All This Included For $59,900

Complete dairy facilities in S Tioga Co. 3 silos + a small one, 76 stanchions, pipeline, bulk tanks, other buildings, plus a home Just listed this small dairy farm

230 ac operating dairy, Mifflintown area, good facilities

Several Farmettes north of Harrisburg, near hunting & fishing starting at $36,900

189 wooded acres along Penns Creek, $450 per acre

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Ephrata 717-733-3344
REALTOR

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FALL-HOLIDAY CATALOG!

266 pages. Over 5000 properties, 2000 pictures! VAlues in every type of real estate, many owner financed! From 600 offices in 43 states. Get your FREE copy NOW!

STROUT REALTY
P.O. Box 773A, Dept. 6490
Harrisburg, PA 17102
Call toll free:
1-800-641-4266

SHEETZ REAL ESTATE
RAY N. WILEY INC.

323 W. Main St.
Mount Joy, PA

CALL 653-1481

FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

VIRGINIA'S EASTERN SHORE

123 acre waterfront farm, 62 acres cleared - 40,000 pine trees saleable, well kept modernized home, private harbor for small boat, 2 silos, milk shed, barn, 3 horse stall and other outbuildings.

$345,000

ADAMS REAL ESTATE & AUCTION SERVICE
Main Street
Exmore, VA
804-442-3200

OWNER WILL FINANCE

300 acres, 120 tillable, balance pasture and woods, good 2 story dairy barn, 54 stalls, two 18x50 concrete silos, 4 bedroom home, all buildings on same side of road, good milk pick up, a very good farm priced to sell $130,000, $30,000 down, balance owner financed.

WE SELL FARMS THROUGHOUT CENTRAL NEW YORK
POSSON REALTY
RD 3
Norwich, NY
607-334-9727

Neglected Farm

365 acres, 230 tillable, almost flat, good access on blacktop Rd. old house, good 2 story barn, springs and ponds. All mineral rights. Less than $300.00 per acre. $100,000.00.

60 acres, 30 tillable, good house, 2 story barn, spring and drilled well, inground pool, natural gas. Taxes last year $350.00 total. $55,000.00.

300 acres, 150 tillable good fencing, pole barn, 2 large stocked ponds in nice area. $350.00 per acre.

LEW Real Estate
Dick Wilson-Broker
141 Chestnut St.
Corning, New York 14830
607-937-5637

Approx. 187 acre working farm. In Salem County. Surrounded by prosperous farms in Upper Pittsgrove Township. Frontage on Rt. 40. 2 dwellings. Plenty of outbuildings including a 100 head barn and 8 cow milking parlor. Soil is that which is very similar to PA soil. Much potential for a produce stand. Also tobacco is being grown in the area in small quantities.
ALL FOR $475,000.

ROGERS REALTY CO.
Beatrice A. Rogers,
Lic. R.E. Broker
14 West Ave.
Woodstown, NJ
609-769-2400
Evenings call 609-769-2402 Since 1933

FARM AVAILABLE NOW

120 acres, 20 mile from Carlisle, nice level fields, several ponds and stream for irrigating, large bank barn and house with all improvements, large mobile home on property, owner will offer financing. Call 717-249-1165 after 5 PM

HARRY HOPKINS COMPANY
HARFORD COUNTY MARYLAND

Prospect - 76 acres, horse barn, bank barn, four bedroom two story older home, streams, $170,000.

Darlington - 128 acres overlooking Susquehanna River, lovely restored stone home, bank barn with box stalls, pond, good soil, $400,000.

Churchville - 95 acres, half wooded, fronts three roads $180,000.

I-95 - 103 acres of interchange, two homes, $280,000.

Dairy farm - Modern 4 bedroom brick home, milking parlor, streams, 129 acres, $390,000.

P.O. Box 98
Churchville, Maryland 21028
301-734-6233

WANTED

Dairy farm to rent, anywhere between 50 to 200 herd capacity

ROTHROCK GOLDEN HOLSTEIN FARM

215-756-6611

FRANKLIN CO. LIVESTOCK FARM

88.9 acres of Duffield limestone soil. Complete farrow to finish hog operation with 600 head capacity, finishing barn, 50 stall farrowing barn, breeding barn and much more. Also facilities for beef cattle.

DAIRY FARM

Bank style barn, modern brick home and other outbuildings. Pipeline with bulk tank, bunk feeder and stable cleaner included with sale. 130 acres tillable with stream bordering property.

ERA

GARMAN REALTY
999 Lincoln Way East
Chambersburg, PA 17201
717-264-7999

CENTRAL NEW YORK FARMS

300 acres, 155 tillable, plus pasture, basement barn, 90 on pipeline, tank, cleaner, 50 heifer barn, 2 20x50 silos, good 3 bdr. house, plus trailer. $160,000. Owner Financing.

150 acres, 90 tillable, heifer or horse farm, 3 car garage, good 4 bdr. brick house, overlooks lake, $150,000 Owner Financing.

800 acres, 375 tillable plus pasture, 12 apartment rentals, good 2 family house, new 100 free stall barn, 25x90 Harvestore, 20x70 Madison, 20x60 concrete, 2 other barns, good house, $475,000.

1180 acres, top cash crop, 3 barns, 3 houses, owner financing. $1,175,000.

SAMPLES - *Try me!*

Roy A. Tuttle, Broker
Box 338, King Ferry, NY 13081
315-364-8311

DAIRY FARM WANTED

High producing modern farm with 75 to 100 acres tillable, set up for 40 to 60 cows. House must be in good repair within 60 miles of Lancaster. This farm is needed to relocate one of my clients. Send information to: Ken Greider, Action Realty, 272 Locust St., Columbia, Pa. 17512. Or, call 717-291-9198.

BEDFORD COUNTY PENNA.

Excellent Dairy Farm (Friends Cove, Bedford County): Total acreage of 163.75 acres, approx. 140 acres tillable. Fertile limestone soils. 70'x200' dairy barn, double eight milking parlor with milking equipment and 500 gallon milk tank, 65 free stalls, two 20'x70' silos with unloaders and taper board feeder. 3 car garage with 2 finished apartments. 2 story, 7 room, brick and frame house. Abundance of water. $440,000.

General Purpose Farm:

112 acres with large barn - solid 8 room home, needs remodeled. Approximately 50 acres tillable, balance in woods and pasture. Excellent location just 4 miles from town. On secondary State Road. $85,000

SUBURBAN REAL ESTATE CO.
ROGER S. NAVE, Realtor

Main Office
Bedford, Pa. 15522
Public Square
Phone 623-6168

REALTOR®

Branch Office
101 East Main St.
Everett, Pa. 15537
Phone 652-6421

Virginia Gold Mine

Gentleman's Estate with income producing business. 200 well watered acres with pond, massive colonial home suitable for large family or nursing home. 7 acres planted in highly lucrative asparagus crop plus 200 cow farrow to finish hog operation. Room for air strip and much more. 804-561-3082 evenings.

HORNING FARM AGENCY, INC.

Main St., Morgantown, Pa.
215-286-5183
Titus Snader, Agent
717-437-2714

MONTOUR CO. -

76 Acres with buildings. Will divide

96 Acres with mobile home and 2 car garage

123 acres Good dairy operation New barn with 53 stalls

70 acres with house and barn Will divide

90 acres with house 2 large ponds

NORTHUMBERLAND CO.

170 acres on Rt 11 west of danville

COLUMBIA CO.

90 acre farm near Catawissa with nice buildings

105 acre grain and hog farm Will finish 200-300 head of hogs

BRADFORD CO.

520 acres, 150 tillable Large dairy set-up with 84 tie stalls

Roy E. Haller, Agent
215-484-4844

NITTANY VALLEY

100 acre dairy farm, barn for 30 milk cows w/ box stalls, 500 gal bulk tank, 14'x55' stave silo, large implement shed, 2½ sty dwelling Owner financing for qualified buyer

COLUMBIA COUNTY

122 acre dairy farm Barn for 30 milk cows, 2nd barn for young stock, 400 gal bulk tank; 10x30 silo 30 acres alfalfa; 2 ponds, 2½ sty stone and frame dwelling Owner financing for qualified buyer

BERKS CO.

18 5 acres with poultry house, breeder house 51,800 cap, stone & frame bank barn, 12'x40' stave silo, 2½ story dwelling

PANORAMIC VIEWS

from 544 acres in Clymer Twp Two story, 9 room house, 500 tillable acres with 44 of woods Could be subdivided $235,000 (W619)

HARDWOODS

On this 10 acre parcel in Delmar Township Basswood, ash, plus good hunting Can be bought with adjoining 50 acres $5,250 (W665)

NEW CABIN IN THE WOODS

A new log sided cabin shell on 10 acres, stone fireplace, electricity, black top road access, lovely wooded setting with small stream Close to new recreation lake Generous owner financing. $19,750, $5,000 down, 12%, 15 years, $177 03/mo (W536)

Homestead Rlty,
23 E. Ave.,
Wellsboro, PA 16901
717/724-7161

COUNTRY COUSINS

Select from 24 6 or 38 6 acres Long road frontage, yet private, tillable and wooded, views & s e exposure; large spring 10% interest, 50% down, 10 years, $14,600 & $22,950 respectively Perfect homesite/retreat/or jump-off for hunting.

WHITE WATER RAFT

Family business, garage, 10 acres, pond, Pine Creek and State land frontage. 4 BR house, family room, living, dining room, country kitchen and 3 fireplaces. Oil and wood heat 11.8% rate of return Terms $67,500 $42,500 mortgage, 10% interest, 20 years $416/mo (M1567)

BAR/HOTEL/ RESTAURANT

only Sunday license in valley, 6 double booths, 10 tables, 12 bar stools, remodeled & newly equipped kitchen, remodeled restaurant/bar area, 10 rental rooms, excellent trade established $29,000 down, 11% interest, 20 yrs (5 yr bal) Price $99,000 (M1566)

Homestead Rlty,
267 S. Main
Mansfield, PA 16933,
717/662-3287

QUALIFIED INVESTOR WANTED

To purchase successful business/income property frontage on Main Street in Westfield Boro Two 1st floor retail businesses with separate entrances operate from this double building with approximately 6641 s f of floor space, with four 2nd floor apartments for added income One retail store and 2 apartments presently rented, owner operated the other Includes lot, two stores, and inventory and fixtures for one store. Owner willing to provide financing for the buildings and fixtures to a qualified buyer at $60,000. Wholesale cost of inventory to be determined at time of sale. For details on investing in this and other businesses, call us today (D286)

LOUCKS MILLS

is the place to be this hunting season on your own 100 plus acres, ¾ wooded, small stream Also a 3 bedroom camp or even this could be a permanent home priced right at $54,000 with owner terms. (D293)

CAMPABILITY

on these two acres in Hector township. All wooded and electric available Situated on private road Just the parcel to park a camper on or maybe a tent for this hunting season $4,000 (D297)

ERA

Gone Before Winter!

Retiring farmer won't milk this fine herd much longer! Have you been waiting for a great farm opportunity?? Immediately inspect this 266 acre, 195 tillable family farm Superior 51 stanchion barn with 2" pipeline 20x60 silo Super 6 bedroom farm home 2 machine sheds 86 Holsteins, a top line of equipment Easy terms, lots of financing here Owner says sell it now! Let's talk price

Mohawk Valley's BEST FREE STALL BUY!

Terrific land on 375 acres with 225 tillable Fantastic alfalfa and corn yields 90 free stalls with double 4 parlor 2 harvestores 20x60 and 18x50 concrete plus bunker super cape cod 4 bedroom home Mobile home Owner says lets talk Modern line up of equipment available $197 000

Farm and Rural Property Specialists
RMS Homestead Realty
Auriesville Road RD 1
Fultonville, N.Y. 12072
518-922-6301

"THIS FARM HAS IT ALL"

- * 220 acres land, 130+ tillable
- * Good 46 cow barn with 2" pipeline, Patz cleaner & bulk tank.
- * 16x50 & 14x40 silo with new unloaders
- * 2 large enclosed equipment sheds. 40x104 & 32x64
- * 2 family home with large 2 car garage
- * 36 cows plus youngstock
- * All feed inventory of hay and corn silage
- * IH 986 tractor with cab 4w.d. A.C. plus 2 other tractors and long line of equipment.
- * Good water supply with well, springs and ponds.
- * Asking $250,000 complete or $150,000 bare.
- * Very liberal owner 10% financing available.

This farm has many extras too numerous to mention. The seller wants an immediate sale and is anxious to talk about any situation. We have all the details. Call today. We have many others also.

Alton Makely, President
Phil King, Farm Sales Manager

COBLESKILL
Country Boy Realty
MAIN OFFICE
140 EAST MAIN STREET
COBLESKILL, NEW YORK
PHONE 518/234/4371

NORTHCENTRAL PA

Potter & Tioga Co.

50 ACRE FARMETTE

Remodeled 3 BR home w/formal dining area, wall to wall carpet, & modern kitchen & bath. Wooded & open with 2 streams on site. 2 trailer sites support the mortgage. Scenic setting near Westfield. All for $49,500. C-1000

48 COW DAIRY FARM

172 acres with 117 till. & 35 pasture. 400 gal. bulk tank, gutter cleaner, etc., ready to go! Cement stave silo with unloader. Nicely remodeled home in scenic setting. Available for $125,000 w/possible FHA assumption of $95,000 at 5¼% interest. Call today! C-1652

POTTER COUNTY DAIRY FOR $109,000

195 acres with approx. 100 good tillable & 45 pasture w/stream. Milking equip., dumping station, bulk tank, etc. included for immediate operation. Partially remodeled 4 BR home & 29 cow barn that could be expanded. Borders Hammermill Paper Co. in picturesque location. Can be reduced to 145 Ac. for $85,000. Excellent starter farm! C-1026

THE Real Estaters
REALTOR
OF WESTFIELD

108 Main St. Westfield, PA 16950
Office 814-367-2249
After 5:00

Dick Anthony 814-367-5387
Jim Helper 717-724-3717
Jim Smith 814-367-2305

GETTYSBURG AREA FARMS

158.5 ACRE FARM — With off road location. Combination old and new home, pond, 40x64 Agway building, outbuildings, good producing land. Call for location and details. $225,000 (#11432)

FARM SUBDIVIDED - This 11.689 acre farmette was recently born from a larger farm. It offers a 2½ story frame home and a 45x50 bank barn. House has brick fireplace and a stream goes through the land. $59,500 (#11429)

OPERATING DAIRY FARM - With 112 acres, dairy barn, bank barn, silo, pre-civil war 2-story home with 4 bedrooms. Lovely, quite setting with buildings ½ mile back from road. $225,000 (#10022)

ERA
MARSHALL L. MILLER, INC.
REAL ESTATE
717-334-6283 or
Outside of Adams Co.
Call 1-800-443-2781,
Ext. C-53

JUNIATA COUNTY

PORT ROYAL — 111 acre General Farm. 86 acres of nearly level river bottom to gently sloping tillable class II & III soils, highly limed & fertilizer. Approximately ½ is 1st year alfalfa. 212 bushel PSU corn test plot last year. Underground irrigation pipe from river. New roof on barn; 4 bedroom remodeled brick house with summer house. Assumable Farm Credit mortgage of $120,000 .... Price $190,000

MIFFLINTOWN R.D. 2 - 250 Acres, 140 tillable. 2 story frame house and bank barn, spring & pond. Ideal for livestock or Christmas Trees. Possible owner financing $175,000

MIFFLINTOWN R.D. 1 - Secluded 175 Acres, 80 Acres fenced pasture & spring, 16 acres tillable, balance woodland. 2 story frame house & small barn. Ideal for grazing animals, Christmas trees & hunting $110,000

MARLIN H. FIELDS REAL ESTATE
2 N. Main St., Mifflintown, Pa. 17059

717-436-8839
Evenings & Weekends
Don Bashore, Realtor Associate
717-436-9213

SOUTHERN NORTHUMBERLAND CO. & SURROUNDING COUNTIES

102 acre farm, 65 tillable, 4 bedroom home, barn, pond, stream, $139,000. Call Peter

DON'T MISS THIS ONE, OWNER MUST SELL

75 acre farm, 30 tillable, 25 pasture, pond, 2 streams, small orchard, bank barn, drive through corn crib, nice 3 bedroom home, $63,900. Call Peter

1 hour north of Harrisburg. 2 bedroom home in woods on 3 acres, good for hunting camp, $24,000. Call Peter.

60 acre farm, lg. home, wood or oil heat, bank barn, small orchard, $69,000. Call Peter.

Former 80 head free stall dairy-easily converted back, feed lot for 300 steers, 2 homes, (2) 20x50 and (1) 20x30 Harvestores, large shop, 100 acres, 70 tillable, $169,000. Additional 100 acres available. Call Peter

137 acres, new horse stable, butcher shop & machine shed, large bank barn set up for sheep, pasture w/pond, 60 tillable, $150,000. Call Peter

600 acre farm, 400 tillable, large grain setup, $850,000. Call Peter.

400 acre farm, beef & broilers, 390 tillable, $800,000. Call Peter

PETER B. CORTELYOU

Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177
Ralph Deibler, Salesman
717-692-2587
Ralph has country homes and taverns

ROTHROCK GOLDEN HOLSTEIN FARM

Is looking to lease good limestone ground in Berks and Lehigh County for Spring of '84.

215-756-6611
between 7:30 AM and 6:30 PM

FARMS FOR SALE

- 26 Acres ±, very nice older farmhouse and several attractive well maintained barns 4 rail white board fencing, 2 ponds, super horse country Asking $159,000 #3102
- 15 Acres ±, magnificent circa 1800' brick residence, very well maintained 3 car heated detached garage, blacktop driveway, stone entrance pillars, numerous large barns, great location! Seller will consider financing Truly a Gentlemen's Estate — Asking $225,000 #3122
- 100 Acre ± Horse Farm, 33 stalls in 2 barns, 2 houses, pond, extensive fencing Seller would consider financing HORSE COUNTRY! #3108
- 69 Acres ± Horse Farm, 42 stalls in 3 barns, 1769 farmhouse, ½ mile track pond, lots of fencing Asking $325,000 #3145
- 145 Acres ± Horse Farm, 34 stalls in 1 barn numerous other barns, 2 houses, fronts on 2 roads Seller would consider financing Asking $450,000 #3107
- 396 Acres ±, 353 acres ± tillable approximately 4½ miles of road frontage including U S Route 13, house and outbuildings, some possible financing Average price $2358/Acre #3146

MANY OTHER FARMS AVAILABLE
call or write for brochure - Land and Farm Division
PATTERSON-SCHWARTZ REALTORS
302-368-9166 / 301-398-6262

PENNA FARMS

CUMBERLAND CO.

Dairy Show Place - 156 acres Hagerstown limestone soil 44 tie stall barn w/pipeline milker Patz stable cleaners 1000 gal bulk tank 16x50 sealed silo w/bottom unloader 44 free stall barn w/64' feeder 20x60 silo implement storage beautiful stone and frame dwelling 20x40 inground pool a dairy family s dream farm plus 12x60 mobile home for hired help

176 Acre Dairy. 100 crop acres 40 tie stalls manure pit 2 silos implement storage modern 4 bdr brick dwelling

120 Acre Dairy Farm, level Murrill soil, bank barn with 24 stanchions, 6 unit pipeline milker, 900 gal bulk tank, 96 freestall barn, heifer barn, 12x50 - 20x60 silos with unloaders. 80' feeder emergency elec. unit, alum siding dwelling

19 Acre Farmette, bank barn 2 story frame (alum siding) 4 bdr dwelling, fully insulated oil hot water heat stream

FRANKLIN CO.

160 Acre Hog farrow to finish lagoon 95 tillable acres farm pond road frontage 4 bd brick dwelling

HUNTINGDON CO.

172 Acre General, Price adjusted to $90 000

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 258-3231
GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St , Carlisle, Pa
Ph. (717) 243-6195

BEDFORD COUNTY

2 farms (200 + 118 acres) ideal for beef sheep or horses Fronting blacktop road with all buildings reached by a meandering private drive 2 very modern homes One on a hillside amid towering pine tree shade 2 barns equipped with board paddocks feed bunks loading shoots excellent fencing mouse proof wire corn crib (5x12x50) other out buildings Offering both farms (318 acres) for the very low price of $765 per acre Will sell seperately Owner retiring will help finance Full line of farm equipment at private treaty or public auction

Everett G Henderson
(Broker)
Breezewood, PA 15533
814-784-3102

Chester County, Nottingham. New Listing 143 acres, ready to go dairy farm, 100 tillable, need to see to appreciate

Wakefield Area 100 acre dairy farm 75 tillable ideal for Amish

Large 167 acre dairy farm, 140 tillable east of Little Texas in Fulton Twp very nice ready to go

Give us a call for a showing on one or all of these farms

FREDD-EDDY Realty, Inc.
Quarryville, PA
717/786-3356

NEW FREE UNITED FARM CATALOG - Fall Winter issue Many properties offer attractive OWNER FINANCING Call now!

CASH CROP FARM.. See Pictures in catalog! 100 acre Pa farm has 75 tillable On blacktop, near lake 4 bdrm house needs renovation 40x80 barn, large pond $98,500 owner financed, 10% annual percentage rate

WALK-IN DAIRY... 200-acre N Y farm comes with 30 Holstein milk cows tractor, machinery included Good 4 br Colonial home 2 barns 39 stanchions 300 gal bulk tank, 2 silos 45 acres in corn and hay, creek frontage On hwy REDUCED to $133,500, owner financing at 9% annual percentage rate

UNITED FARM AGENCY, INC , 612 RLF West 47th St Kansas City, Mo 64112 Ph Toll-Free 1 800 821 2599

BERKS COUNTY...

- ★ 122 Acre Beef Farm - 100 Tillable - 10 Pasture - 12 Woods...
  - 12x45 Concrete Stave • Remodeled Home
  - 150-175 Total Confinement
- ★ 75 Acres - Limestone Land - Stouchburg

RICH BRANDT REALTORS
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

28 A. DAIRY FARM
AT QUICK SALE

NEW 39 COW BARN
SILO - MILKING EQUIPMENT
READY TO GO - MORE
ADJOINING LAND AVAILABLE
NICE QUIET SETTING
HONEY BROOK LOCATION
IF INTERESTED CALL
IMMEDIATELY
215-273-2076
FROM 7:30 to 8 P.M.

WIMPLE REALTORS STATEWIDE FARMS

EASTERN NEW YORK

1200 ACRE FREE STALL COMPLEX: newer facilities for 167 head, double 6 hearringbone parlor, large manure lagoon, 800 ton trench silo Attractive brick ranch home INCLUDES 185 Registered Holsteins, 10 tractors and complete machinery for $660,000 CALL WIMPLE'S SLOANSVILLE OFFICE: 518-875-6355 SEVERAL OTHER GOOD FREE STALL OPERATIONS AVAILABLE

SOUTH-CENTRAL NEW YORK

NEW HIP ROOF BARN has 80 tie stalls, (2) 18x65 silos w/unloaders, Patz cleaner, dumping station 240 acres, grows *alfalfa* Nice looking home of 8 rooms with 4 bedrooms INCLUDES 89 Holsteins w/55 milking, 3 tractors and all machinery Asking $365,000 complete. CALL WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

ST. LAWRENCE VALLEY

"NOW OR NEVER" buy this attractive 183 acre *farm complete now, as owner will have a dispersal* and you'll lose a rare opportunity Farm has 140 acres tillable silty loam and very pretty setting at *the end of a lane Barn is 18 years old, has 52* stanchions, dumping station cleaner, mow elevator, 16x45 silo w/unloader Fine white 4 bedroom home set under large trees INCLUDES 28 Holstein milkers, 20 YS, 3 tractors and complete line of well-maintained machinery for $130,000 with under $50,000 needed DON'T LET THIS ONE SLIP BY YOU! CALL WIMPLE'S GOUVERNEUR OFFICE 315-287-4163

FREE DAIRY CATALOGUES. WRITE WIMPLE REALTORS, SLOANSVILLE, NY 12160

FARMS AND LAND FOR SALE

ADAMS COUNTY Homey 4 bedroom farmhouse on 57 beautiful acres of productive tillable soil pond bank barn, hog pen, road frontage double garage be the proud owner of your own farm $140,000

CUMBERLAND COUNTY For the outdoorsman private setting in country lots of game pass through this property, 88 acres of privacy never failing stream, 4 bedroom frame house barn and outbuildings, some wooded land $150 000

CUMBERLAND COUNTY here's a super farm 66 acres, private yet close to town includes farm house barn, weld shop, silo property borders creek has lots of possibilities $150 000

CUMBERLAND COUNTY 5½ Acre Farmette near Shippensburg University, partly wooded lot has a 3 bedroom, 2 bath, all brick ranch house Excellent construction, many extras including small barn fenced pastures, and garden area $125 000

CUMBERLAND COUNTY 64 acre farm approximately 50 acres tillable, 325 fruit trees pond 4 bedroom 1 bath, aluminum siding house lge bank barn, rental mobile home 5 stall horse barn Beautiful view! $129 000

HUNTINGDON COUNTY approximately 69 acres stream and 5 acre pond, stocked with cat fish bass sunfish some beavers near Raystown Dam $65 000

CUMBERLAND COUNTY 25 Acres in Hampden Township zoned residential Offered at $200 000

CUMBERLAND COUNTY 5 acres with woodland and a small stable along a beautiful country road $30 000

CUMBERLAND COUNTY North Middleton Township, 4 acres with a beautiful view of Mountains some trees and a small stream $16 000

ERA COLONIAL REALTY
26 West High Street
Carlisle, Pa 17013
249-7700 766-2320

Cambria County, Ebensburg, R.D. - 90 A. horse or beef farm 50A. tillable, balance woods & pasture, 4BR 2 story house with stone fireplace reduced $75,000 #157M

Bedford County, near Blue Knob Ski Resort - 70 A. horse or beef farm, remodeled 3 BR house, barn, $73,000 #194G

Clearfield County, Lecontes Mills - 4 BR 2½ story house on 25 A. coal ground (never striped) good hunting, near Interstate 80, 15 miles from Clearfield $74,000 #204M

Slick Real Estate
Roaring Spring, Penna. 16673
(814) 224-4006 or (814) 224-4577

FOR SALE

Nice 50 cow dairy barn on 137 acres, nearly all level land, or up to 422 acres in whatever combination you would desire. Good financing; Good soil; Good buildings; Good prices!! What more can we do? Call now for details.

Also, several boiler operations with good returns.

Also, we need a 50 cow m/l dairy farm between East Petersburg and Gap - Lancaster County.

FARM & HOME REAL ESTATE
Smoketown, PA
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Sylvester Baum	Harlan Keener	Mahlon Oberholtzer
Carlisle	Willow Street	Lancaster
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Broker J Irvin Denlinger
717 898 8962

NORTHCENTRAL, PA. FARMS & INVESTMENTS

Priced To Sell Priced To Sell

NEAR STATE LAND

Rustic home in the woods, hidden on 34 acres. 4 bedrooms, 1 bath, full basement, large eat in modern kitchen with lots of cupboard space. Beautiful exposed woodwork. Small garage or workshop. Possible additional acreage which borders State Land. W-738 $51,000 PH: 717-724-5921

CAMP

Hills Creek area hunting camp and retreat, 15'x20' log camp, 5 acres mostly wooded, privy, stream, secluded, close to State Lands. $11,500. W-751 PH: 717-724-5921

WOODED ACREAGE

32 wooded acres within walking distance to State Land, excellent deer, turkey hunting area. Springs, could be subdivided, terrific spot for secluded cabin, owner financing with 25% dn., 12% int., 15-20 yr. amort, 3-5 yr. balloon. W-755 $28,800 PH: 717-724-5921

#2050 8 acre suitable for vegetable farming on Rt. 220, home features dressing room and Roman tub off Master Bdrm., field stone fireplace, LR, lovely kitchen, family room, good useable barn. Assumable mortgage with $20,00 down. Ph: 265-3171 or 265-8903

72 COW DAIRY FARM

50 tie stalls, 1 pipeline w/22 ready to hook on, additional 20 heifer stalls, 20x60 and 16x50 silos w/unloaders, approx. 188 acres, all but 40 tillable or pasture, pole barn & shop/machinery shed, totally remodeled 5 Bdrm home, existing FHA 5% loan for $95,000. Price at $179,500 M-532 PH: 717-662-2138

250 ± ACRE DAIRY FARM

Approximately 180 tillable, 66 tie stall barn in 3 rows, pipeline with 800 gallon bulk tank, 20x60 silo with unloader, mow conveyor, heifer barn and machinery shed, remodeled 4 bedroom home, approx. $130,000 of existing FLB and FHA farm loans, fall possession, priced right at $165,000. M-603

THE Real Estaters

Offices Area Code - 717
Tioga, Potter & Bradford Counties call or write
WELLSBORO, 120 East Ave 724-5921
MANSFIELD, RD 1 Box 41 662-2138
TOWANDA, Bridge St 265 3171

OUR #1 AIM IS SERVICE

Horning Farm Agency, Inc.

Main Street
Morgantown, PA 19543
215-286-5183
Agent, Roy E. Haller
215-484-4844

Nittany Valley

100 acre dairy farm, barn for 30 milk cows with box stalls, 500 gallon bulk *tank, 14'x55' stave silo* large implement shed, 2½ story dwelling Owner financing for *qualified* buyer

Columbia County

122 acre dairy farm, barn for 30 milk cows, 2nd barn for young stock, 400 gallon bulk tank, 10x30 silo 30 acres alfalfa, 2 ponds, 2½ story stone *and frame dwelling* Owner financing for qualified buyer

---

MUSHROOM BUSINESS IS BOOMING!

PICK these opportunities now

#1 Two singles and one double with apartment residence. $55,000.00

#2 Three doubles on 2 acre lot. $75,000.00

#3 One double and three singles on 1.37 acre lot with 1,300 sq. ft. custom bi-level home with 2 car attached garage. $155,000.00

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EMORY D. WAGNER CO., REALTORS

NOW TWO OFFICES SERVING YOUR FARM REAL ESTATE NEEDS

QUARRYVILLE OFFICE	WILLOW STREET OFFICE
786-2131	464-4700

SELLING YOUR FARM?

Auction or Brokerage?

It is your option when you call us. We will explain both plans and then you choose. No obligation.

SANFORD G. LEAMAN
Assoc. Broker & Auctioneer

SNYDER COUNTY

110 acre dairy farm. Large home, comfort stalls, silo, spring possession

NORTHUMBERLAND COUNTY

Amish farm, 83 acres, 80 tillable, 2 houses, harness shop, dairy barn, silo & milk house Priced under $170,000 Fall possession or spring of '84 In high state of cultivation

Adjoining neighboring farm with 2 lg silos, brick house and dairy barn, 42 acres for less than $135,000

CUMBERLAND COUNTY

Farrowing & fattening hog set-up, could easily be dairy or steers, new 16 crate & nursery building, 40x60 machine shop, lg. 5 bedroom Colonial brick home, excellent to restore 89 acres of limestone soil, 1 yr. old 16'x60' stave silo. Under $200,000.

75 acre modern dairy with silo and unloader, barn cleaner, pipeline and implement shed, lg. modern dwelling, limestone soil in high state of cultivation. Buy this one and get a 3 yr. rental with first right of refusal on another farm that would give you a total of 135+ acres Drastic price reduction. Call for new pricing and terms. Owner is seriously ready for sale.

YORK COUNTY

53 ac presently a sheep operation but could be changed for steers, horses or dairy. Beautifully restored Colonial farmhouse. Within driving distance to Baltimore and Washington DC. There is a lg pond and lots of road frontage.

MIFFLIN COUNTY

Cabin and 15 acres. Excellent hunting area with bear, deer & turkey

PERRY COUNTY

68 acre vacant farmland in the Blain area. Could possibly be purchased with buildings Call today *for more details, price, features & location*

Amish area, 57 acres, with barn, no residence, 40 ac. tillable, 14 ac woodland, balance in pasture Priced for quick sale at $81,900.

LYCOMING COUNTY

One of the most beautiful farms in crops in Lycoming Co. & possibly PA. This property has two 5 bedroom houses. Barn has 66 comfort stalls, 24x70 silo, 40x120 imp. shed, *40x60 metal barn for young stock. 284 acres total w/160* tillable. Additional land for rent if you want. Priced for quick sale with spring possession. $325,900

UNION COUNTY

120 acre modern beef farm. Good soil. Large barn for 100-150 steers, lg. grain bins and a 2½ story residence. Priced for a quick sale with possession to meet your needs Owner financing available.

70 acre modern dairy with 102 freestalls, 4 lg. silos, pipeline milking equip. w/strip milking stable, slurry pit, 2½ story frame home. Approx. 200 acres rent to lease available. Call for details

60 cow comfort stall barn w/lg 7 bedroom brick dwelling. Pipeline bulk tank, *modern bldgs., 237 acres prime farm land, 30 ac. woodland, 20 ac. pasture* Priced just over $2200 per acre w/owner financing.

120 acre dairy, lg. modern 4 bedroom home, 90 ac tillable, balance pasture & *woodland. Beautiful setting w/loam soil in the Mennonite area. Call for price &* details.

LANCASTER COUNTY

47 *ac. prime produce* land w/creek frontage presently in stake tomatoes w/underground drip irrigation, barn & tobacco shed, set up for hogs. 1 bedroom apartment, but no dwelling.

114 *acre* modern dairy w/12 unit milking parlor, 2 large Harvestores and 2 large cement stave silos all w/unloaders, room for 180 cows or more in the modern freestall barns, large Harvestore Slurry and 1500 gallon bulk milk tank *See it today, w/possession to suit your schedule.* Lots of road frontage, large pond and modern ranch house. Priced just over $3,800 per acre

ADAMS COUNTY

75 *acre* modern dairy farm, 20x70 stave silo w/unloader, 6 bedroom modern stone home, 50 stall barn, pipeline, over 1 mi road frontage, $240,000.

DAUPHIN COUNTY

36,000 broiler plus hog farrowing operation on 54 acres. Ideal for steers, horses. Sits nice and owners could help finance to the right party. Reduced - no reasonable offer refused!

If you are thinking of buying or selling a farm or farmland call Sandy today. He will be glad to serve you in any county.

HIGH REALTY CORP.
1837 William Penn Way
Lancaster, Pa. 17601
717-569-4264 656-6834 Home
A High Industries, Inc. Company

DORN'S MILL REALTY

Farms - large, bare, stocked or equipped, river flats, horse farms.
375 acres, 2 Harvestores, finance $200,000
Mary Ripley-Broker
RD 1, Amsterdam, NY
518-853-3206
Kaye Yurkewecz-Salesperson
518-922-5443

BEDFORD CO.

62 acre Bedford County farm 30 tillable acres, 15 pasture with stream good 6 room and bath 2½ story frame house Apialy Orchard with approximately 450 apple, pear, peach and plum trees, bank barn and outbuildings Near Breezewood Interchange Only $20,000 down, long term, low rate mortgage available. A line of equipment also available. $90,000

REALTY CENTER
814-946-0466

WANTED

Jug milk and farm operation Southern PA good location will pay

S. LYCOMING CO.

213 ac dairy farm, 130 ac tillable, 62 stanchions space for 65 more, 133 freestalls, liquid manure pit, 3 lg silos, 4 wagon sheds, stock and eq. can be bought. Will sell owner financing

MANHEIM

Lancaster Co.

60 ac general farm, 8 ac pasture w/stream, stripping room & cellar

NITTANY VALLEY AMISH AREA

112 acres general farm limestone 60 acres farmed more can be farmed 28 acres pasture owner financing $165 000

Donald R. Witwer,
Broker
Ephrata, PA
717-738-1458

---

new pennsylvania realty, inc.

Rt. 1, Box 123
New Ringgold, PA 17960
717-386-5000 **Schuylkill Office**

36 ACRE FARM

Approximately 25 acres tillable, with large fields, balance wooded and pasture, 7 bedroom farmhouse, excellent bank barn, 4 bay garage, stream. Owner financing available 25 minutes northwest of Allentown, $84,900

Gary Cole - Farm and land broker - Box 123, Rt. 1, New Ringgold, PA

All our farm agents own and operate their own farm.

Perry Co.

New Listing 135 A General Farm 90 A tillable 10 A pasture with stream 35 A wooded 4 BR stone dwelling Bank Barn Corn Barn and Shop $175,000 00

New Listing Amish Area 130 acre general farm nearly all tillable 2½ story 4 BR dwelling 4 fireplaces 2 story stone spring house large frame bank barn, 2 story barn machinery shed 3 yr old 20x60 Fickes silo w/unloader could very easily be divided into 2 farms

180 A General Farm approx 90 A tillable balance mostly wooded and pasture with stream Large frame bank barn modern 4 BR dwelling Excellent owner financing to qualified buyer Priced to sell $180 000 00

Cumberland Co.

120 acre dairy 85 acres tillable woodland pastures 3 bedroom house with conveniences frame bank barn 24 stanchions pipeline bulk milk tank 2 silos, one with automatic feeder 96 free stalls heifer barn $245 000 00

80 A Poultry farm 50 A tillable Bal Pasture 2½ story 4 BR dwelling 60x80 Frame Bank Barn 20x65 Machinery Shed 2 Story 44x400 Broiler house w/Empire Koser Contract

General Farm 410 acres 380 acres tillable 4 bedroom house with conveniences 3 bedroom house with conveniences barn

Lancaster Co.

83 acre dairy 65 acres tillable 4 bedroom dwelling 32 comfort stalls large loafing area 2 silos

CHRISTIAN M. MOSEMANN
Real Estate Broker
734 Main St., Akron, PA 17501
Office Phone: (717) 859-1004
24 hr. service
or
Paul Musser 717-733-8107
James Marsh 717-529-2678
Milton Huber 717-299-5136

AMISH FARM

KINSER R D 115 good fertile acre farm Could be split into 2 farms for the boys Price reduced $125 000 Call collect for a tour

13 BEAUTIFUL ACRES

APPROX 10 ACRES TILLABLE With small stream setting near overlooking woodland in a long lane You will find this log home has a large foyer fireplace dandy living room and elaborate large kitchen Many raised panel cabinets Microwave dishwasher compactor desk open plan dining room Could be expanded to 4 or 5 bedroom home Approx 25 minutes N of Lancaster Priced attractively in the 90 s

CALL COLLECT: 717-397-3571
AMMON K. GRAYBILL, JR. INC.
(Realtor)

CENTRAL PENNA. FARMS

CUMBERLAND COUNTY

208 acre limestone dairy, 400 cow capacity w/double 8 parlor, 7 silos, modern house. Call Mr. Niesley

75 acre dairy, housing for 30 cows, tie stall setup, silo, modern frame house Call Mr. Niesley.

30 acres secluded, 20 wooded, stream Call Mr Niesley.

JUNIATA COUNTY

60 acres of timberland. Call Mr Benner

7.3 acre farmette, modern 2 story frame house w/attached garage, small barn and other buildings, stream thru pasture Call Mr. Benner

MIFFLIN COUNTY

118 acre dairy, 50 freestalls, liquid manure, 3 silos, modern 2 story log & frame house w/swimming pool Call Mr. Crawford

PERRY COUNTY

5 acre farmette, bank barn, modern 2 story house. Call Mr. Benner

JOHN B. NIESLEY REAL ESTATE

32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177
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CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND & CABINS

We presently have one of the largest selections of farms, farmettes, land and cabins available in central Pennsylvania We have over 50 exclusive listings

Our Farm and Land Department would be happy to mail a free, detailed farm and farmette list or land and cabin list to you

See the October 15 and November 12 issues for a complete farm inventory

FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705
Don Myers (814) 422-8111
Mel Rockey (814) 466-6628
(Lewisburg) Larry W Platt (717) [illegible]
(Bedford) Richard D. Reed (814) [illegible]
(Huntingdon) [illegible] (814) [illegible]

KISSINGER LEONARD & ASSOCIATES

Frederick J. Kissinger, Realtor
William N. Leonard, Realtor
Ralph F Brewer, Realtor
245 S Allen St.,
State College, PA 16801
(814) 234-4000

NORTHUMBERLAND COUNTY

F2-3-500 R D #1 Paxinos Beef or General farm Total 116 acres with minimum 100 acres tillable Soils in top condition and good producers All buildings have been completely renovated or have been erected since 1979 2 story 2 family brick farm house also completely remodeled excellent quality and tastefully decorated Attractive setting with good access Call for additional information

F2 3 501 R D #3 Sunbury Beef or general farm 63 acres approx 50 55 acres tillable with remaining in fenced pasture Bank barn and other buildings in excellent condition Super B grain dryer with 2500 Bu wet 900 Bu dry holding bins Dump pit grain elevator 90 leg w cleaner Total 63 000 Bu storage capacity Additional information available

L2-508 Shamokin Township farm 85 acres total 40 45 tillable & pasture with remaining woodland 8 to 10 acre tract never timbered 7 room 4 Br house open for your decorating ideas Bank barn and equipment shed in fair condition 7 miles from Sunbury priced at $95 000

L1-525 R D #2 North d 139 acres with approx half tillable 400 frontage on hard surface road Possibility of return on investment with sale of attractive building sites Owner will consider assisting in financing Priced under $850 per acre

COLUMBIA COUNTY

L2-3-504 118 acres 70 acres tillable and 48 acres woodland Excellent access within 5 miles to Interstate 80 on Route #44 at Buckhorn exit Property divided by township road and owner would consider separate sales Priced at below present area sales per acre

BOWEN AGENCY, INC.
22 N Market St
Selinsgrove, PA 17870
(717) 374-2165

Art Bowen	Dale Heim	Dave Herbst
743-7556	473-3341	374-0257

Longacre

BERKS COUNTY

111 acres, 85 t., general farm, features 2½ story double stone home. Set back from road, 12 rooms, 2 baths. Lg. bank barn, wagon sheds and much more. Boyertown area. $280,000.

208 acre dairy farm, 60 stall barn, pipeline milker, bulk tank, barn cleaner, 20 x 60 silo w/loader, large 2½ story home w/4 bedrooms, large eat-in-kitchen, living room, summer house, all for $325,000.

MONTGOMERY COUNTY

55 acre general farm featuring lovely log & stone home w/modern kitchen, center stairs, 5 rooms with livingroom fireplace, 5 bedrooms & bath, 2 car garage, bank barn, 2 machine sheds, corn crib, silo & much more A very lovely setting, **$300,000 reduced to $240,000.**

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE
Rt. 100 Hereford, PA 18056
Ph: 215-679-5919

SNYDER COUNTY

65 Acre general farm w/88x45 barn w/block addition Large 90x36 implement shed, lg combination corn crib & shed Lovely 2½ story home w/kitchen, dinning room, living room 3 bedrooms & bath Completely remodeled $125,000 #344

JUNIATA COUNTY

58 acre, open and wooded, 2 story brick home, kitchen, living rm., dining rm & bath, and 3 bedrooms, stable and corncrib, good hunting-fishing area, $68,000.

BRADFORD COUNTY

100 acre, 80 T dairy farm, features 54 stall barn, barn cleaner, 16x50 and 16x60 silos, 20x30 Harvestore silo, w/unloaders, 60' bunk feeder, large pole barn, 800 gal bulk tank, lovely 7 room home w/modern kitchen and bath, all for $150,000 #376

225 acre 147 T dairy farm w/new 42 stall dairy farm barn 800 gal. tank, 2" pipeline, barn cleaner 6 concrete silos w/unloader & feed mixers, good 2½ story colonial house w/10 rooms and 2 baths and outbuildings $225,000

BUCKS COUNTY

67 acre dairy farm, 2½ story colonial w/large living room dining room, kitchen, powder room, 4 bedrms & bath, 30 stall, silo, 3 car garage w/ apt heifer barn, $215 000 #367

145 Acre jug milk farm superb facilities, lg store & sales area, 3500 gal milk holding capacity, modern processing facility including ice cream making, 185 cow free stall 5 lg silos, lg. heifer facility, 2 double houses & 1 single home shop, storage sheds, outbuildings, 200 cows, 250 heifers full line of machinery additional rental acreage available Call for details $1,5000,000

70 acre 60T dairy farm, features lovely 2½ story stone home, modern kitchen, living room, dining room, 5 bedrms., bath, sits back from road, 36 stall barn, silo, barn cleaner, bulk tank, Quakertown area, $240,000

171 Acre jug milk farm w/good sales store, double 6 low line parlor, 120 free stalls, 3000 gallon milk holding capacity, 20x80 & 30x60 silos, 100' & 70' bunk feeders, large 6 bedroom home, completely modern, lovely 2 bedroom ranch Also full line of cattle & machinery available Call for details $650,000 A 358

100 acre general farm w/large brick 5 bedroom home, 1½ baths, in good cond , large 2 story bank barn, 20x60 concrete silo w/unloader & lots of frontage (adjoins 171 acre farm) $348,000

COLUMBIA COUNTY

180 acre dairy farm, 118 tillable, 36 stalls, bulk tank, several sheds & second small barn, corn crib, 2 silos & grain storage bins Lovely 2 story farm house with 9 rooms & 1½ baths, remodeled Slightly rolling & level good ground $225 000, make an offer reduced $175 000 #310

187 acre dairy farm 170 T pasture w/stream 2 solid and lovely farm houses 130 free stall barn 70 bunk feeder harvestore and concrete silos w/unloaders 2 large trench silos, large machinery shed 2 large heifer sheds and much more $530 000

SCHUYLKILL COUNTY

234 acre woodland tract joins state gamelands borders Rt 80 & secondary road, Pine Grove area, good hunting area, call for details $175 000

NEW JERSEY

80 acre dairy farm gently rolling to level streams & pond 2½ story home with 4 bedrooms & 2 baths large remodeled kitchen, dining rm & laundry 60 stall barn & 80 freestall milkhouse bulk tank large shop new large machinery shed & corn crib 14x40 concrete silo & 200x25 trench silo $250 000

Sire Power Holiday Special With A Bonus

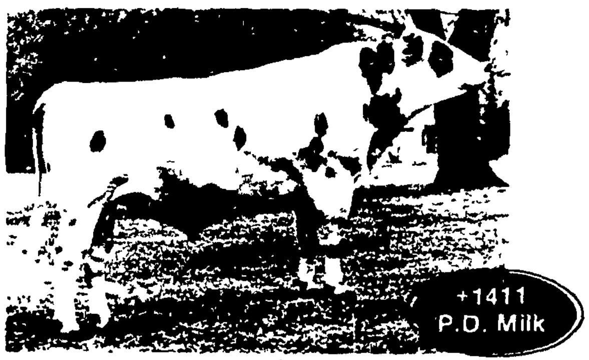
$7.50 Per Unit

+2025 P.D. Milk
Average of Top 4

Pick 4 Bulls

Save $120
Maximum Savings

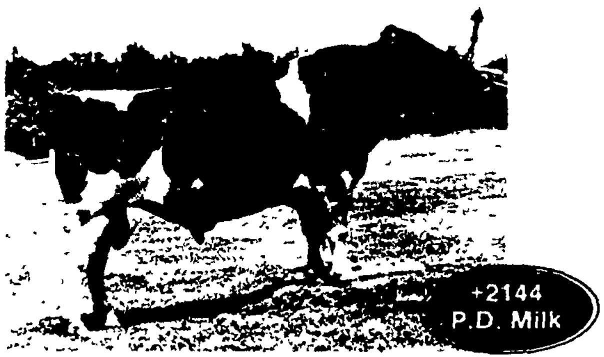
From Sire Power INC.



9H557 Killdee Astrochief WISEMAN, VG(85)
USDA 7/83 RIP 2% Rpty. 86%
103 dtrs., 74 herds 17,305m 3.7% 634f
Pred. Diff. '74 +$185 +1,411m +.00% +52f
HFA Type Summary PDT +2.03, Rpt. 84%

+1814
P.D. Milk

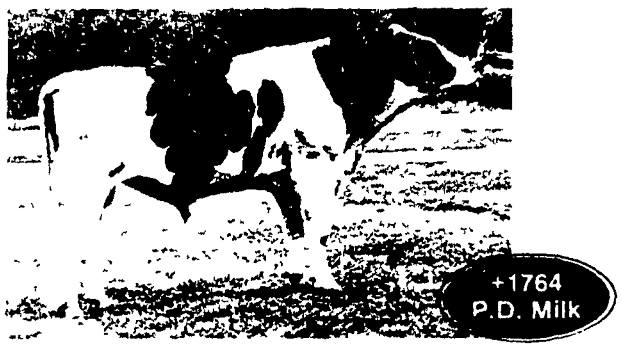
9H176 Letlers Burkgov TRUMP, EX(90)
USDA 7/83 RIP 40% Rpt. 99%
2,600 dtrs., 1047 herds 18,268m 3.7% 666f
Pred. Diff. '74 +$233 +1,814m -.01% +64f
HFA Type Summary PDT +0.00, Rpt. 98%



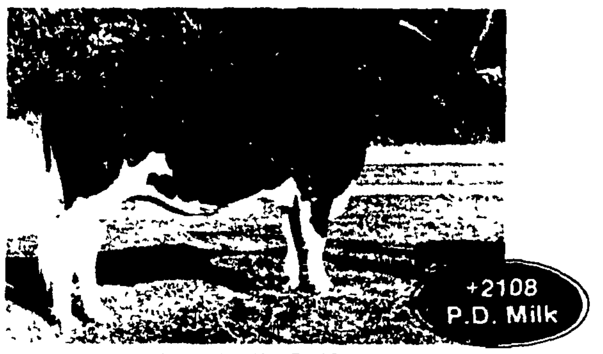
9H581 Ken-Ric Marcus NEIL, VG(86)
USDA 7/83 RIP 0% Rpt. 74%
47 dtrs., 42 herds 19,141m 3.4% 645f
Pred. Diff. '74 +$192 +2,144m -.31% +27f
HFA Type Summary PDT +1.05, Rpt. 75%

+2034
P.D. Milk

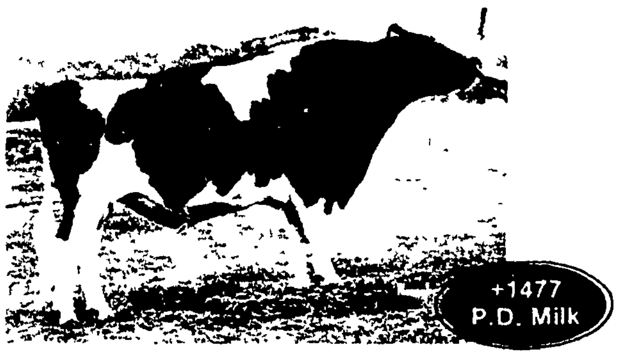
9H628 Rynd-Home Excel SENSATION, VG(89)
USDA 7/83 RIP 22% Rpt. 72%
55 dtrs., 45 herds 18,553m 3.5% 650f
Pred. Diff. '74 +$229 +2,034m -.13% +53f
HFA Type Summary +0.53, Rpt. 76%



9H626 Brownking SAUL, G(78)
USDA 7/83 RIP 29% Rpt. 66%
41 dtrs., 39 herds 17,561m 3 6% 627f
Pred. Diff. '74 +$213 +1,764m -.06% +54f
HFA Type Summary +1.34, Rpt. 62%



9H608 Coldsprings HAMLET, VG(86)
USDA 7/83 RIP 2% Rpt. 72%
50 dtrs., 44 herds 18,297m 3 4% 629f
Pred. Diff. '74 +$207 +2,108m -.24% +37f
HFA Type Summary +0.17, Rpt. 75%

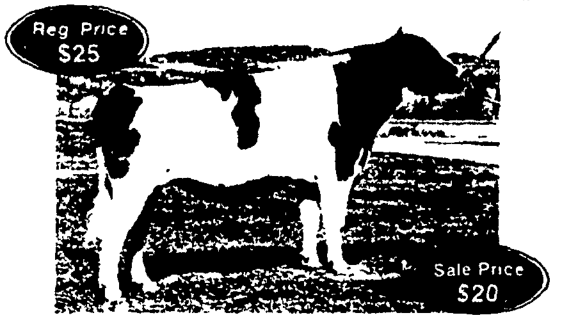


9H622 Breezyview Job Royal STEWART, EX(93)
USDA 7/83 RIP 14% Rpty. 79%
79 dtrs , 66 herds 17,359m 3.7% 638f
Pred. Diff. '74 +$183 +1,477m -.04% +48f
HFA Type Summary PDT +1.81, Rpt. 81%

Sire Power Will "ADD-IN" Your Choice of ONE of the following Outstanding Bulls...

Reg. Price
$40
Sale Price
$35

9H584 Cal-Clark Board CHAIRMAN, VG(86)
USDA 7/83 RIP 2% Rpt 81%
74 dtrs , 59 herds 18,623m 3 6% 674f
Pred. Diff. '74 +$295 +2,527m -.12% +72f
HFA Type Summary +1.77, Rpt. 82%



9H599 Sunny-Craft Chief SPIRIT, EX(90)
USDA 7/83 RIP 0% Rpt. 78%
64 dtrs , 50 herds 17,854m 3 8% 679f
Pred. Diff. '74 +$248 +1,676m +.11% +78f
HFA Type Summary +1.00, Rpt. 79%

Reg Price
$40
Sale Price
$35

9H107 Arlinda JET STREAM-twin, EX(91)
USDA 7/83 RIP 10% Rpt. 99%
13,965 dtrs , 3265 herds 18,603m 3 5% 649f
Pred. Diff. '74 +$217 +2,099m -.21% +43f
HFA Type Summary +0.46, Rpt. 99%

The 1983-84 Holiday Special is the **best sale in Sire Power history.** The top four bulls average **+2025 P.D. Milk.** All seven average +1806 P.D. Milk All sires are Plus on Type. The average price is $7.50 Per Unit.

The Sale begins October 1, 1983 and will continue while supply lasts, but will definitely end January 13, 1984.

How does it work? Seven bulls to choose from.. Select the four (4) bulls you want, (10) units from each bull, **a total of 40 units. Sale Price $300.00.** You may purchase more than one Special if you desire. With the purchase of one special, **a customer may purchase 10 units of one of the following bulls at the listed prices.** 9H584 Chairman $35 per unit, 9H599 Spirit at $20 per unit or 9H107 Jet Stream at $35 per unit.

This Semen Special is available to all dairymen whether or not you breed your own cows.

Contact your Sire Power Direct Herd Representative, District Sales Manager, your local Technician or the Sire Power Offices at R.D. #2, Tunkhannock, Pa. 18657. *Phone: 717-836-3168; or* Box 555, Frederick, Md. 21701. Phone: 301-898-9101.

Send to: Sire Power, Inc
R D. #2, Tunkhannock, Pa. 18657
Please Send Me Information:
( ) I want a Holiday Special.
( ) Herd Analysis Program
( ) Direct Herd A.I Training
( ) Semen or Equipment Purchase

Name ______________________ Student______
Address ______________________________
Phone __________________ State_____ Zip______
Breed ____________________ Herd Size______
Do you breed your own cows? ______________

CENTRAL TRACTOR

FARM & FAMILY CENTER

VISA MasterCard

Hurry!

Sale prices good now through Sat., Oct. 29, 1983

4S
ANTI-FREEZE

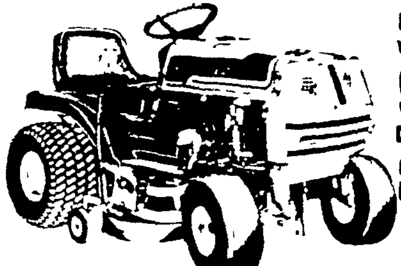
LIMITED QUANTITIES

2.77 1 Gal. 4S Brand Anti-Freeze

Reg 2 99 SAVE 7% 18284 234

Same formulation as famous name brands Will mix with all ethylene glycol base products Protects against winter freeze ups and helps prevent summer boil overs Guards your engine against rust and corrosion

FINAL CLEARANCE



SEASON CLEARANCE

Dynamark 11 Hp. 6 Speed Rider with 36" Rear Discharge

999.99 Reg 1199 99 / SAVE 16%
22546-258

Dynamark 11/36 3 Speed Rider

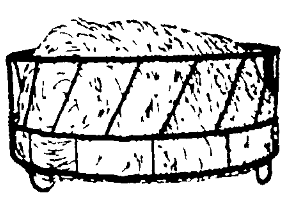
899.99 Reg 1029 99 / SAVE 12%
22843-258

119.99

Reg 149 99 / SAVE 30 00
17742-253

Round Bale Hay Feeder

8 ft diameter feeder Made of heavy 1½ tubing with 1 slant bars Legs prevent freezing down



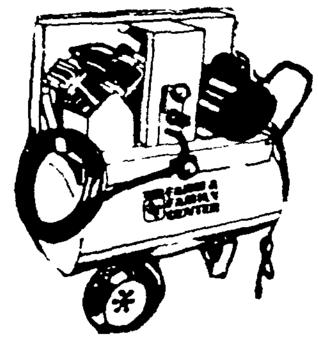
184.95

Reg 194 95 / SAVE 10 00
17980-106

½ Horsepower Air Compressor

10 gallon tank, 3 4 CFM displ 2 2 CFM at 40 p s i Dial-O-Matic control with easy to read gauge enables you to dial the pressure desired-no additional regulator needed

15' Air Hose 17791-106 Reg 5 99



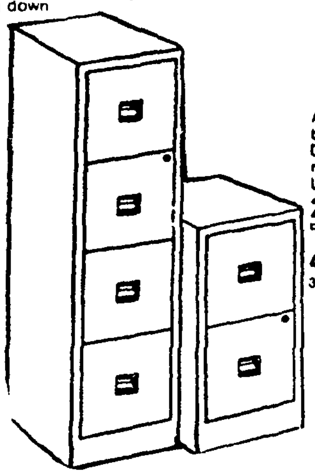
339.99

Reg 379 99 / SAVE 40 00
24428-260

Wickless Computer Controlled Kerosene Heater

Finally the kerosene heater you've been waiting for technology to produce This 9 500 to 13,600 BTU unit is wickless which means greatly reduced maintenance and the elimination of wick replacement The computer controlled thermostat assures maximum economy and nearly 100% fuel combustion Additional features include LED computerized display panel, temperature indicator and fuel gauge, automatic extinguishing and ventilation monitoring systems, multiple heat outlets, high capacity fan, power on/off switch, and a removable 1 5 gal fuel tank At the low setting your heater will operate for a full 21 hours on single tank of fuel, for 15 hrs on high. 19¾" x 23⁹⁄₁₆" x 9¾" UL listed

13,600 BTU Kerosene Heater
24411-260 .... SALE 299.99
Kero Aid 24391-260
Reg 3 99 .... SALE 3.49

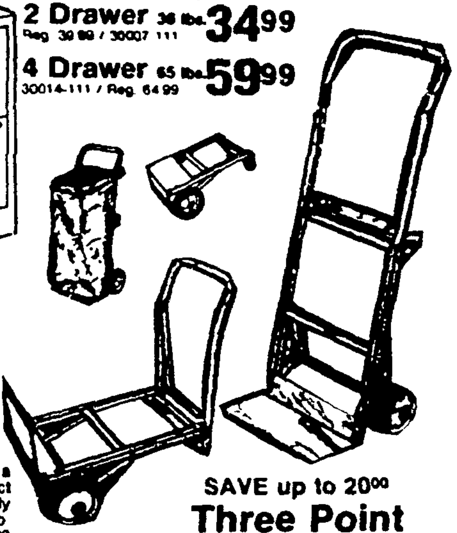


Metal Filing Cabinets

All steel welded construction baked enamel finish almond Drawers move easily on nylon rollers Adjustable folder supports Locking drawers-2 keys.

2 Drawer 36 lbs. **34.99**
Reg 39 99 / 30007 111

4 Drawer 65 lbs. **59.99**
30014-111 / Reg 64 99

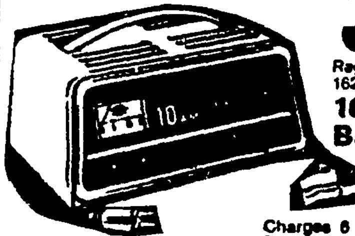


18.99

Reg 21 99 / SAVE 3.00
30257-423

Kart All II 4 Wheel Dolly

It's versatile-carrying power for a 1000 or more jobs. It's compact stores away in a small space-easily fits into the trunk of a car. 300 lb capacity as a hand truck, and 600 lb. capacity as a dolly. Model 4WKX



33.99

Reg 41 99 / SAVE 8 00
16283-084

10 Amp Automatic Battery Charger

Charges 6 and 12 volt batteries. Rugged steel case, accurate numerical dial ammeter shows exact rate of charge.

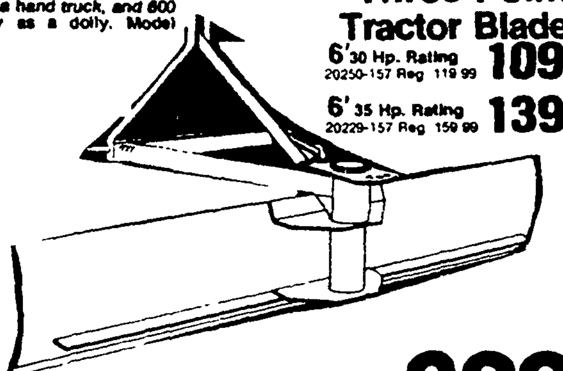
Reg. prices may vary locally.

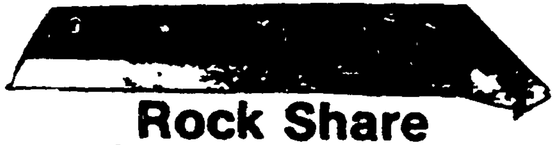
SAVE up to 20.00

Three Point Tractor Blades

6' 30 Hp. Rating 20250-157 Reg 119 99 **109.99**

6' 35 Hp. Rating 20229-157 Reg 159 99 **139.99**





Rock Share

BROKEN SHARE REPLACED FREE!

As Long As Share Is Not Worn Out.

Applies only to Rock Shares

The extra heavy duty long-wearing share is made of top quality spring steel Extra material is added to the nose of the share making it wear twice as long and extra strong to eliminate breakage Our extra heavy duty plow shares wear as long as any other share on the market Order bolts separately from listing as blade price does not include bolts Front hole uses 1 ⅜ long bolt Made in USA

FOR ALLIS CHALMERS

Uses ⅜ Clip Head Bolt

Size	Stock No	Price
All 14 except 375 387 series	16017 002	8.99
14 375 series	16054-002	8.99
16 375 series	16087-002	8.49
All 14 and 16 387 series	16082-002	9.29

FOR CASE

Uses ½" front bolt, ⅜ on others

14 4 hole	16019 002	8.29
16 3 and 4 hole	16056-002	8.58
16 4 hole short	16078-002	8.99

FOR JOHN DEERE

3 hole uses 7/16 bolts, 4 holes uses one ½ & three 7/16 bolts

14 3 hole	16020 002	7.49
14 4 hole	16021 002	7.49
14 4 hole short	16040 002	7.49
16 3 hole	16022 002	7.99
16 4 hole	16023 002	7.99
16 4 hole short	160[illegible] 002	7.98
18 5 hole	16095 00	8.68

FOR FORD

Uses 7/16 Clip Head Bolts

14 3 hole	16024 002	7.49
14 3 hole short	16039 002	7.49
14 4 hole	16058 002	7.49
16 3 hole	16025 002	7.99
16 4 hole	16072 002	7.99

FOR IHC

3 hole uses 7/16 bolts, 4 hole uses one ½ & three 7/16 bolts

14 3 hole	16026 002	8.29
14 4 hole	16027-002	8.29
14 3 hole short	16073 002	8.29
14 4 hole short	16074 002	8.29
16 4 hole short	16075 002	8.59
16 3 hole	16028 002	8.50
16 4 hole	16029 002	8.59
18 4 hole	16096 002	9.49

FOR MASSEY FERGUSON

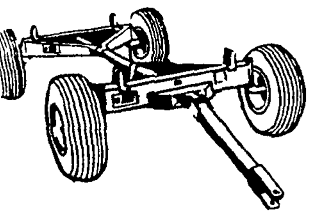
Uses 7/16 bolts 4 hole uses one ½ & three 7/16 bolts

14 3 hole	16026 002	8.29
14 4 hole	16027 002	8.29
14 4 hole	16059 002	7.49
16 4 hole	16060 002	7.99
18 4 hole	16097 002	8.98

FOR OLIVER and MINN.-MOLINE

Uses 7/16 Clip Head Bolts

14 4 hole	16085 002	8.29
14 4 hole short	16041 002	8.29
16 4 hole	16037 002	8.58
16 4 hole short	16042 002	8.58
16 & 18 5 hole for Oliver only	16088 0[illegible]	9.49

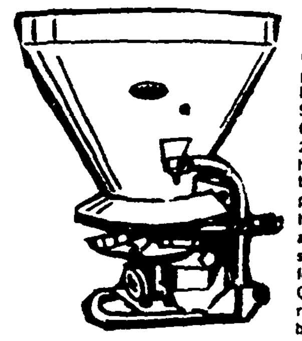


Central Tractor

Wagon Gears

Featuring one piece steering rod all-welded construction, rear hitch, and pressure type grease fittings. Bolster stakes can be set at 38" or 42" width Gear capacities are gross weight at farm tractor speeds. All units come less tires.

6 Ton 80765-046 Reg 419.99	359.99
8 Ton 80772-046 Reg. 479.99	429.99
10 Ton 80780-046 Reg. 569.99	499.99

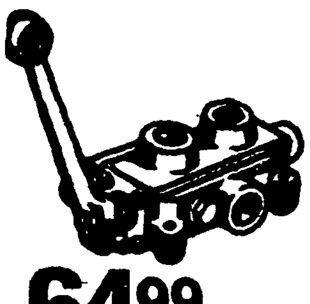


299.99

24879-221

Baltimatic Spreader

Covers 7-15 acres per hour Output per acre 40-4000 lbs 2 MPH to 10 MPH Capacity Hopper 640 lbs Spreading width, Granulated 33'-50' Crystalized 25'-30', Pulverized 20'-25' Stabilizer chains for constant height position Eliminates stress on the tractors hydraulic system Link pins positioned for easy mount. Extra heavy duty gearbox with lubrication ability and safety guard to cover PTO shaft 6 adjustable distribution wings for perfect fertilizer distribution Quantity rate setting system with 26 rate positions. Spreading pattern can be set to any angle

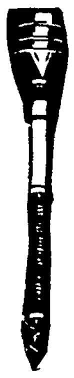


64.99

Reg 84 50 / SAVE 19 51
28138-310

Hydraulic Control Valve With Detent

Features a pressure released detent with spring return after cylinder reaches 2000 PSI May be used on double action cylinders on open center systems 25 GPM and up to 2000 PSI Inlet and outlet ports are ¾" and work ports are ½"

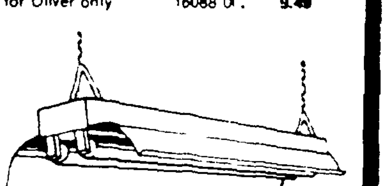


69.99

Reg 89 99 / SAVE 20 00
24575-268

Grain Aerator

Economical drying and aerating of your grain in either flat or round storage. Aerates up to 5,000 bushels and up to 18 feet deep.

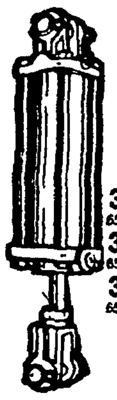


12.77

Reg 15 77 / SAVE 3 00
28206-311

48" Shop Light Fully Assembled with Bulbs

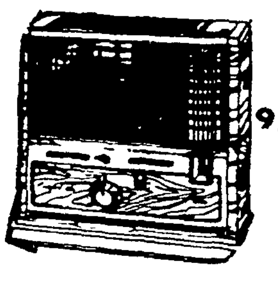
Comes fully assembled and includes bulbs. Steel construction with white enamel finish Includes grounded cord and plug, chain and hooks for hanging



SAVE up to 10.00

Hydraulic Cylinders

3"x16" 6503-017 Reg 79 99	69.99	3½"x24" 6588-017 Reg 99 99	89.99
3"x24" 6504-017 Reg 84 99	79.99	4"x16" 6592-017 Reg 109 99	99.99
3½"x16" 6587-017 Reg 89 99	79.99	4"x24" w/2" Shaft 66076-017 Reg 129 99	119.99

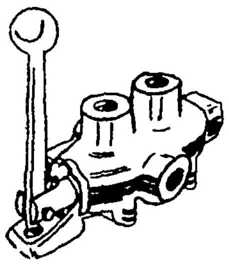


FINAL CLEARANCE

9,300 BTU Kerosene Heater

$94.99

Reg 129 99 SAVE 26%
240-40-260

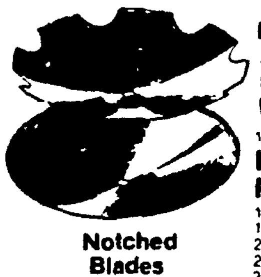


44.50

4510-008

4-Way Hydraulic Control Valve

Fully balanced self centering, built in relief valve, easy mounting Relief valves are factory set at 1500 psi



EVERY DAY LOW

5.49

16 11 gauge plain blade

Heat Treated Plain Disc Blade

18	11 ga	NOW 6 79
18	9 ga	NOW 7 99
20	9 ga	NOW 9 79
20	7 ga	NOW 12 49
22	7 ga	NOW 14 99
24	x ¼	NOW 25 99

Notched Blades

18	11 ga	NOW 6 99
18	9 ga	NOW 8 19
20	9 ga	NOW 9 99
20	7 ga	NOW 12 99
22	7 ga	NOW 15 99
24	x ¼	NOW 26 99

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Annual PFA talks set

CAMP HILL — Voting delegates from 54 county associations of the Pennsylvania Farmers' Association (PFA) will gather at the Hershey Lodge and Convention Center, Hershey, Nov. 13 - 16, to elect leaders and adopt policies on statewide issues important to agriculture.

A total of 169 delegates will deliberate on about 100 resolutions from counties in determining policies for the general farm organization which represents over 23,400 farm families.

In addition, to voting delegate sessions, the convention will feature a number of guest speakers and special programs. NBC News National Affairs Correspondent, Douglas Kiker, will address about 800 farm leaders, state legislators and guests at PFA's annual Awards Banquet, Tuesday evening, Nov. 15. PFA's Distinguished Service to Agriculture Award and numerous county association achievement awards will be presented during the banquet.

Pennsylvania's Secretary of Education, Robert Wilburn, will keynote the Opening Luncheon, Monday at noon. Other guest speakers will include Randall Torgerson, the U.S. Agriculture Department's Administrator of Agricultural Cooperative Service; Grace Ellen Rice, Assistant Director, National Affairs Division, American Farm Bureau Federation; and Mrs. Berta Lee White, Chairman, American Farm Bureau Federation Women's Committee.

In addition, Keith Eckel, President of PFA, and Richard Newpher, Administrative Secretary of PFA, will present annual reports to the convention.

PFA is a voluntary farm organization providing a voice in public affairs, information and services to members. It is an affiliate of the American Farm Bureau Federation which represents over 3 million farm and ranch families.

Waterfowl flights peaking

UNIVERSITY PARK — Southbound flights of waterfowl — wild swans, ducks, and geese — should reach their peak over Pennsylvania in late October, says Merrill Wood, author of "Birds of Pennsylvania" and a retired zoologist at The Pennsylvania State University.

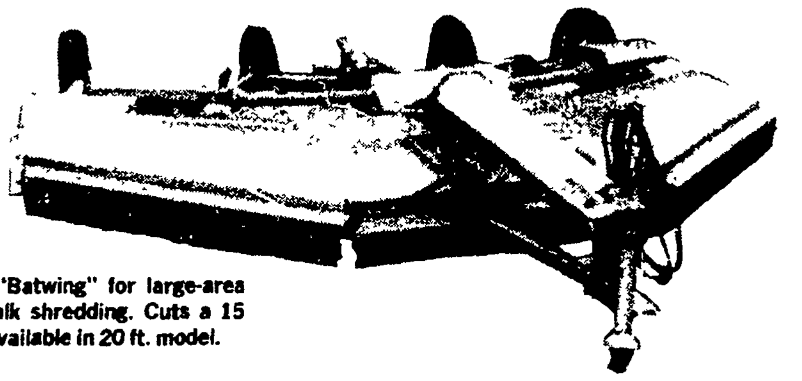
Wood reports the southward migration of waterfowl ends in November. He suggests that October is also the month to watch for hawks soaring south over mountain ridges, taking advantage of updraft air currents.

He describes the migratory habits of 30 species of waterfowl and 381 total species normally reported in the Commonwealth in "Birds of Pennsylvania." This guidebook is now in its third edition, issued in 1979 and largely rewritten. It is published by the College of Agriculture at Penn State.

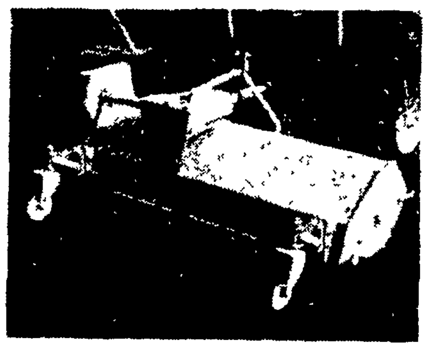
The number of land bird species migrating south drops off in October from peak migration in September, he pointed out. Winter birds begin to arrive in October. Mr. Wood considers October and November good times for bird watchers to get their winter feeding stations in operation.

Printed in handbook size, "Birds of Pennsylvania" measures 4½ by 8½ inches and contains 164 pages. The guidebook is available for $2.25, tax and shipping included, from "BIRDS", Department 6000, University Park, PA 16802. Checks and money orders should be payable to The Pennsylvania State University. At the campus, copies are available in room 234 of the Agricultural Administration Building. When ordering by mail, allow at least two weeks for delivery.

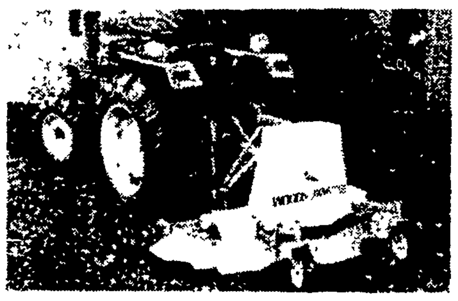
WOODS
Division of Hesston Corporation



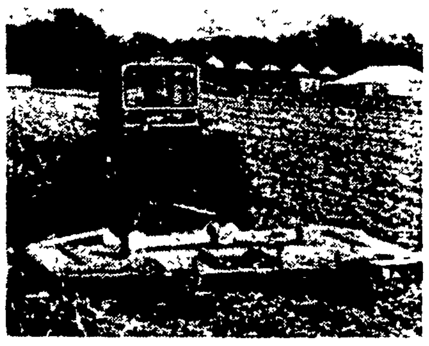
Model HD315 "Batwing" for large-area mowing and stalk shredding. Cuts a 15 ft. swath. Also available in 20 ft. model.



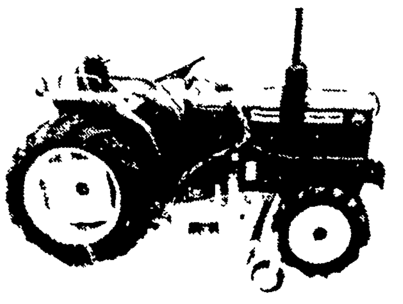
Woods Model FM-72 Flail mower cuts a 6 ft. swath with patented self-cleaning blades.



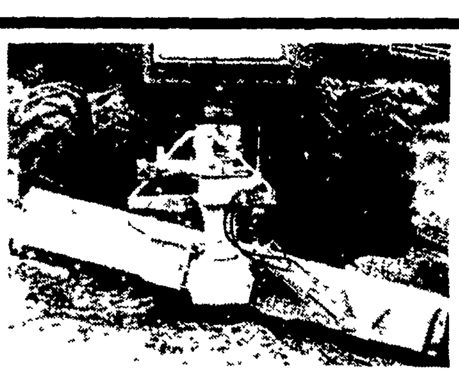
Woods rearmount mowers are available in gear and belt drive models with a choice of 3-½, 4, 5, 6 and 7-½ ft. cutting swaths.



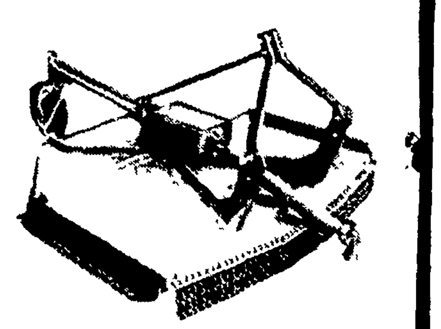
Model 214 cuts a 14 ft. swath; mows or shreds up to 100 acres per day.



Woods offers the most undermount mower models in 3-½, 4, 5 and 6 ft. cutting swaths, for most tractors, old, new, foreign or domestic.



Woods rear blades are available in moldboard widths from 5 to 10 ft.



Cadet series mowers available in 5 ft (Category 1) plus 6 ft. and 7 ft. (Category 2) for 3-point hitch.

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Our product line keeps growing because your needs keep growing!

Whenever and wherever there's a mowing, shredding, mulching or scraping chore, you'll find Woods has a line of dependable products to help cut the job down to size. With Woods you can choose from nearly two dozen rotary mower models ranging from 3½ ft. to 20 ft. cutting widths... rear-mounted, pull-type or under mounted. And we offer rear blades in light, medium or hydraulically operated heavy-duty models with moldboard sizes ranging from 5 to 10 ft. At Woods we're staying on top of your needs with an expanding line of high-quality products available at a fair price.

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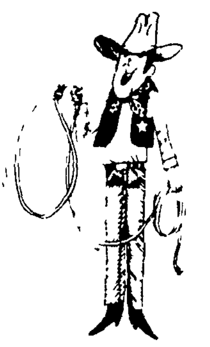

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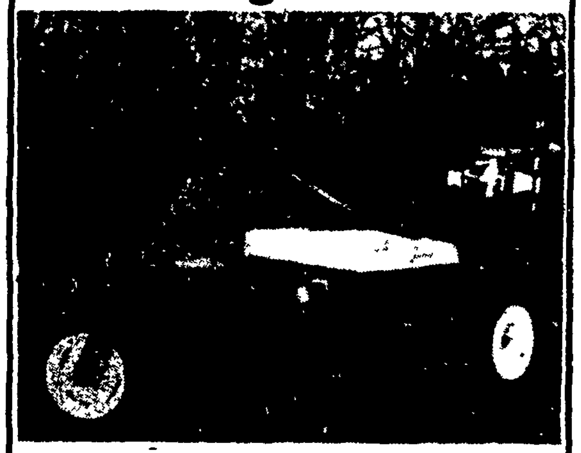
The All Purpose Pruning Machine



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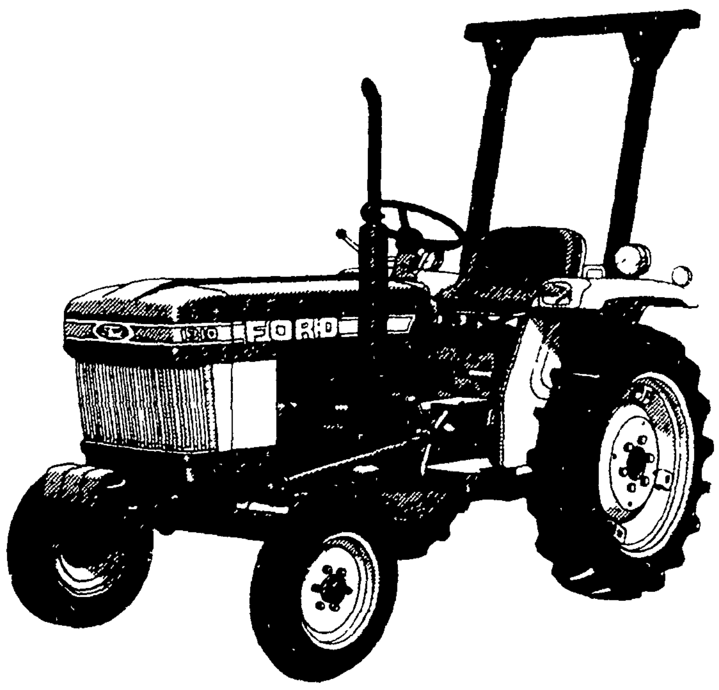

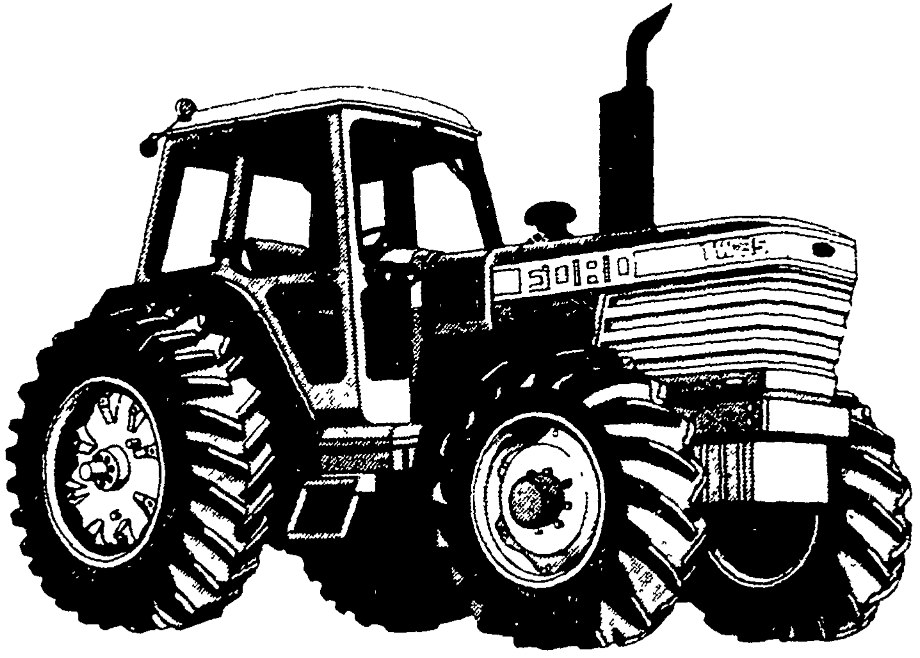

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717-632-9119

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343-2101
NJ PH:
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KELLER BROS. TRACTOR CO.
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717-354-2214

Rome, PA
ALLIS HOLLOW EQUIP.
717-247-2601

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EARL J. INCH FORD TRACTOR & EQUIP.
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Shippensburg, PA
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532-7811

Tamaqua, PA
CHARLES S. SNYDER. INC.
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DEL-MAR FORD TRACTOR, INC
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215-752-0867

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Frederick, MD
SPERRY NEW HOLLAND CERESVILLE
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GATEWAY FORD TRACTOR, INC
301-627-6400

Pennsylvania Dairy Herd Improvement Association

Bucks County DHIA Monthly Report

July, 1983
Lactation Report - 750 Pounds and over

OWNER NAME OR NO.	AGE	DAYS IN MILK	LBS. MILK	LBS. FAT
Walter & David Wurster				
Petunia	8 9	305	27,414	757
Crooked Acres Dairy				
Ren	9-5	305	19,778	801
Wilmer W Rush				
Rowena	9-4	305	21,558	754
Saretta	8-1	305	24,990	903
Von	5 5	305	21,997	944
Paul&Doris Daniels				
Zenda 2	3-8	282	18,747	769
Roy Shull				
No 206	7 7	305	23,137	854
Theodore S Wilson				
Alice	5 1	305	21,829	820
Elise	4 5	280	21,933	791
P&J Hallowell				
Dolly	7 8	305	22,223	816
Gracie	5 1	305	21,560	781
Jess	3 1	305	19,664	756
Ken&Virginia Hager				
Frosty	2 2	305	17,639	756
Willow Ridge Farm				
No 149	5 8	305	21,231	793
David R Walton				
Queena	4-8	305	21,378	891
Breezyvale Farms				
Poppy	3-10	305	24,223	824
Delaware Valley College				
Dafodil	9 11	305	20,600	831
Clarissa	6 11	305	27,578	873
George&David Bishop				
Joy	5 5	305	19,632	942
Sugar	4 1	305	20,449	856
Bishcroft Farm				
Sherry	3 10	301	21,181	859

Rolling Herd Averages
above 650 lbs. fat

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Crooked Acres Dairy	3	61 1	86.2	19,356	622
David R Wolfinger	3	34 3	90 4	19,951	607
Breezyvale Farms	3	84 9	89 4	19,146	601
Theodore S Wilson	B3	68 4	87 2	19,303	588
J Howard Roth	3	35 2	86 6	19,290	588
Walter&David Wurster	3	60,8	88 8	19,463	592
Delaware Val College	3	39 6	84 3	18,751	574
Wilmer W Rush	3	32 0	89 0	18,391	575
Richard O Smith	2	71 1	87 9	14,469	478
Delaware Val College	5	11 7	90 4	16,080	574
Paul L Bishop	B3	61 2	88 8	18,511	559
Roy Shull	B3	197 3	87 0	17,518	543
P&J W Hallowell	3	86 5	83 3	17 615	556

Pennsylvania Dairy Herd Improvement Association

Centre Co. DHIA Report

August, 1983

The high herd in the Centre County D.H.I.A. for August was Valley Wide Farm, Spring Mills, R2 The Valley Wide herd of 78 cows had a rolling herd average of 21,399 pounds of milk and 850 pounds of butterfat with 87 3 percent days in milk.

Richard Trinca	48	86 4	21,060	820
Joseph Hartle	73	87 1	21,607	804
Richard & James Graham	102	88 0	22,273	799
Lynn & Margaret Neer	74	88 7	20,834	782
Evan & Ricky Homan	59	86 4	20,842	771
Jay Houser	55	87.1	21,038	769
L Thomas Musser	47	87 2	18,763	768
Stringers Sand Ridge	66	86 6	18,798	748
Jesse & Mary Burkholder	43	87 4	21,224	741
John Ishler	65	87 8	18,860	718
Bruce E Ulmer	58	90 7	19,965	717
Glenn & Robin Gorrell	42	87 5	18,093	716
James N Houtz	52	86 8	19,041	709
Daniel & William Boob	72	87 4	18,390	705
George & Ron Zimmerman	34	90.8	18,498	699
James & Susan Howes	49	84.5	18,322	698
Pond Dale Farms	77	88 5	18,655	697
Paul H Vonada	54	88 6	17,764	697
Reesebrook Farms	119	85.6	18,256	696
Thomas Boldin	56	85 6	18,241	695
Thomas & Sherry Craig	59	88.5	19,278	694
Rodney D Reese	100	87.2	18,645	691
Dave & Ceclia Houser	53	87 1	17,807	673
Paul Hartle	39	84 9	18,064	670
L & R Hough	44	89.8	20,103	669
Gemi Feltenberger	56	87 3	18,062	668
John Devinney & Son	41	87 8	17,569	663
Brodzina Brothers	84	86 6	18,525	657
Peters Farm	51	91 9	16,977	656
Franklin Rossman	52	83 3	18,391	655

During the month there were 108 herds with 5,936 cows processed in the D.H I.A program, according to Russell C Seward, County Agent. Production ranged from a high 62 6 pounds of milk, testing 3.5 percent fat, to a low of 16 4 pounds of milk, testing 5.1 percent fat

In the owner-sampler program there were 14 herds with 561 cows being processed. The herds ranged from a high of 45 6 pounds of milk, testing 3 2 percent fat, to a low of 27 3 pounds of milk, testing 3 3 percent fat.

The ten high individual cow actual production records in D.H I A produced on a two times a day milking in 305 days or less (unless otherwise indicated) were in the following herds

Valley Wide Farm	26,961	4 0	1068
Daniel & William Boob	22,895	4 5	1024
Daniel & William Boob	27,794	3 5	983
Richard Trinca	20,455	4 8	979
Richard & James Graham	23,862	41	968
Jay Houser	28,271	3.4	963
Evan & Ricky Homan	22,722	4.2	961
Reesebrook Farms	24,696	3.9	958
L Thomas Musser	24,645	3.9	955
Paul Hartle	22,808	4.0	919

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To Make Those Changes
You Were Thinking About

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BOU-MATIC HAS WHAT YOU NEED

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- Bou-Matic Backflush Systems

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TECHNOLOGY COMPUTER FEEDING SYSTEM
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- Uses fiber optics
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- 600 Gal. Mojonnier
- 800 Gal. Sunset
- 800 SOLD ero
- 850 Gal. Sunset
- 1000 Gal. Sunset
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- 1500 Gal. Dari-Kool

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Ray Shenk 717-626-1152

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ADVANCE ORDER FORM: PLACE WITH MUNCY-CHIEF DEALER, GRANGE AGENT OR ORDER DIRECT.

SOYBEANS
_____ Certified Amsoy 71 .... 14.00 13.75
_____ Certified Williams 14.00 13.75

Muncy-Chief Hybrid Sorghum Sudangrass
50 POUND BAG
_____ Muncy-Chief Kow-Dan H202............ 21.50 21.00
_____ Muncy-Chief Kow-Dan H205............ 22.00 21.50

Muncy-Chief Bird Resistant Grain Sorghum
_____ Muncy-Chief H7232 .... 25.00 24.50

MUNCY-CHIEF SWEET CORN
PRICES ARE PER POUND
Pound 10 lb. or more
_____ Muncy-Chief Xtra Sweet 82 (72 Days)...... 5.75 5.50
_____ Muncy-Chief Illini Xtra Sweet (85 Days) 5.75 5.50
_____ Muncy-Chief Florida Staysweet (87 Days) .. 6.00 5.75

QUALITY SEED OATS AND SEED BARLEY
PREPAID DELIVERY SPRING 1984
1 - 200 200 Bu. to Trailerload
_____ Certified Gary 5.30 5.20
_____ Certified Orbit........................ 5.30 5.20
_____ Certified Astro........................ 5.30 5.20
_____ Certified Noble 5.05 4.95
_____ Registered Noble....................... 6.05 5.95
_____ Certified Ogle 5.05 4.95
_____ Registered Ogle........................ 6.05 5.95
_____ Certified Porter....................... 5.75 5.65
_____ Registered Porter 6.75 6.65
_____ Cover Crop Oats 4.25 4.15
_____ Spring Barley, Erie or Herta 8.50 8.40

MUNCY-CHIEF QUIC-KROP H700
1-50 50-200 Over 200
_____ M-C Quic-Krop H700 Random Grade 17.50 17.00 16 00

Please enter my order for seed as checked above, Mark or Circle Size Wanted.
Name _______________ Date _______
Address _______________
Location & Rte. No. _______________ Nip _______
Date Wanted _______________ Phone _______
Dealer's Name _______________ State _______
Address _______________ Zip _______
Check Here For:
( ) Dealer Information ( ) Descriptive Literature

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Prepaid Delivery Eastern U.S.A. Spring 1984 or Earlier

MUNCY-CHIEF SINGLE CROSS HYBRIDS
TREATED SEED - FULL 56 POUNDS BUSHEL

	Please Mark or Circle Size	BU MF	BU MR	BU U or R
_____ M-C SX878	115 to 120 days	62.50	60.50	59.50
_____ M-C SX776	110 to 115 days	64.50	62.50	61.50
_____ M-C SX777	110 to 115 days	62.50	60.50	59.50
_____ M-C SX662	105 to 110 days	62.50	60.50	59.50
_____ M-C SX660	105 to 110 days	64.50	62.50	61.50
_____ M-C SX560	100 to 105 days	64.50	62.50	61.50
_____ M-C SX552*	100 to 105 days	54.50	52.50	51.50
_____ M-C SX488	95 to 100 days	64.50	62.50	61.50
_____ M-C SX480	95 to 100 days	64.50	62.50	61.50
_____ M-C SX220	88 to 93 days	62.50	60.50	59.50
_____ M-C SX103	80 to 85 days	62.50	60.50	59.50
_____ Cornell 281	85 to 90 days	64.50	62.50	61.50
_____ Cornell 175	85 to 90 days	64.50	62.50	61.50

MUNCY-CHIEF 3-WAY CROSS HYBRIDS

_____ M-C 3X898	115 to 120 days	57.50	55.50	54.50
_____ M-C 3X676	105 to 110 days	57.50	55.50	54.50
_____ M-C 3X553*	100 to 105 days	49.50	47.50	46.50
_____ M-C 3X301*	90 to 95 days	49.50	47.50	46.50
_____ Cornell 110	80 to 85 days	49.50	47.50	46.50

MUNCY-CHIEF DOUBLE CROSS HYBRIDS

_____ M-C H764	115 to 120 days	52.50	50.50	49.50
_____ M-C H656	105 to 110 days	52.50	50.50	49.50
_____ M-C H401	90 to 95 days	52.50	50.50	49.50
_____ M-C H304	90 to 95 days	52.50	50.50	49.50
_____ M-C H270	88 to 93 days	52.50	50.50	49.50
_____ M-C H207*	85 to 90 days	44.50	42.50	41.50
_____ M-C H208	85 to 90 days	52.50	50.50	49.50
_____ M-C H208E	85 to 90 days	52.50	50.50	49.50
_____ M-C Silo Chief	85-100 days for silo	48.50	46.50	45.50
_____ M-C Lucky 7	Test Plot	70.00	7-10 lb. Bags	

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_____ M-C SX588	100 to 105 days	100.00	98.00	97.00

Limit 4 Bushel per order Subject to Supply

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5% EARLY DISCOUNT
On Hybrid Field Corn Seed
To November 1, 1983

Cumberland County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

August, 1983

Cumberland County Dairy Herd Improvement records show that 7,675 cows in 122 herds were on production testing in July according to Duane G Duncan, County Agent Of the 98 herds on DHIA, 24 herds has an average fat production of 600 pounds. During the month 135 completed their 305 lactation with 650 lbs of butterfat

Rolling Herd Averages

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Ferman L Landis	B3	40	89	17,858	703
Sundays Vallilea Farms	B3	157	89	19,877	680
Ashcombe Dover Dairy	B3	267	88	19,345	676
Carl Kelso, Jr	B3	55	90	18,878	675
Berkheimer Farms	B3	145	86	18,233	675
M Thomas Sheaffer	3	57	85	18,878	663
Samuel D Shenk	B3	59	87	17,981	656
J David Martin	B3	41	87	17,390	654
Ashcombe Farms	B3	264	84	18,469	653
Paul Strock	3	126	88	18,042	645
Donald M Leatherman	B3	36	88	17,464	641
Norman Hertzler	3	36	87	17,778	635
Thrush Brothers	3	106	86	17,207	635
Donald & Dave Lehman	3	67	87	17,782	634
Paul B Sensenig	B3	36	86	17,108	633
Elmer Gettle	B3	49	88	16,417	633
Nevin Shughart	B3	32	86	17,926	632
Alfred Gaisler	B3	44	89	17,873	629
John E Lapp	B3	44	86	17,407	624
Marlin Miller & Sons	B3	47	86	17,540	619
Lee G Davidson	3	58	89	16,788	619
Clifford Chamberlin	3	42	84	16,710	619
J Shephard Wolff	3	51	88	16,656	619
Robert & Donald Strock	3	99	90	16 795	614

OWNER NAME OR NO.	AGE	LBS MILK	% FAT	LBS FAT
Robert & Donald Stock				
Topper	3	14 474	4 6	660
Norman Hertzler				
Sue	4	20 123	3 6	722
Donald L Basehore				
Penny	4	19 389	3 7	726
Delmer E Cornman				
Goldie	6	21 677	3 1	669
Sundays Vallilea Farms				
20	7	21 574	3 6	780
4	6	21 519	3 4	725
250	4	24.299	3 0	725
19	4	15.954	3 4	659
75	4	20 774	3 4	696
24	3	21 132	3 8	803
360	3	24 149	3 0	731
34	2	19 669	3 4	662
421	2	18 485	3 8	699
422	1	18 862	3 5	654
200	2	20 427	3 2	651
J B Brymesser & Sons				
213	7	20 104	3 3	672
267	6	21 343	3 7	797
273	6	23 151	3 0	703
357	4	16 261	4 0	651
401	3	19 416	3 8	747
410	3	20 029	3 3	659
Ashcombe Farms				
187	5	21 051	3 6	748
213	5	20 818	3 3	687
305	4	20 139	3 5	699
298	3	20 633	3 4	695
135	2	16 382	4 1	669
Lee G Davidson				
Crystal	3	21 178	4 0	838
Dunny	3	18 628	3 7	698
Gloria	3	20 938	3 6	748
Roy E Snoke				
Benita	3	21 800	3 4	736
Galen & Linda Smith				
Bright	5	24 090	3 9	943
Hazel	4	18 634	3 9	723
Allie	2	19 063	3 9	748
Thrush Brothers				
75	9	24 252	3 3	812
29	7	17 341	4 0	699
43	4	20 447	3 3	666
95	2	14 615	4 6	666
100	1	19 707	3 6	713
Willard Fought				
23	6	17 585	4 1	719
Roy L & James Miller				
49	11	21 329	3 9	828
18	12	18 627	4 3	797
28	7	20 658	3 6	746
13	9	20 575	3 7	755
159	5	18 577	4 2	780
36	7	17 661	4 0	709
E Lee Oiler & Son				
Mickey	5	18 205	3 9	71
Paul Strock				
Solo	6	21 376	3 9	823
Valerie	5	17 781	3 7	654
Sabrina	4	21 218	3 4	726
Cheryl	3	19 377	3 6	693
Hope	2	18 155	3 6	662
Harry & Paul Hoch				
Jazz	4	14 389	4 9	712
Jobey	4	20 011	3 7	740
J Glenn Glesner				
96	7	17 523	3 9	680
Alfred Gaisler				
Command	3	18 607	3 7	697
Topsy	3	18 742	3 7	693
Bouquet	3	16 025	4 1	659
Milk Way Farms				
34	4	18 507	3 6	671
Elmer Gettle				
Patsy	5	19 573	4 2	828
Eloise	2	16 496	4 0	664
D Clinton Sauder				
Iona	7	14 739	4 7	696
Naomi	3	16 731	4 1	682
Ken Bar Farms LTD				
20	5	19 919	3 4	686
Eugene F Henry				
Annie	6	14 819	4 8	707
J Shephard Wolff				
Jan	5	18 287	3 6	654
Herbert B Shughart				
Kat	3	17 581	3 8	671
Frank J Yost				
Sonya	6	18 912	3 5	660
Ashcombe Dover Dairy				
R 186	10	19 984	3 4	577
R 238	9	16 241	4 3	691
R 256	8	18 401	3 6	663
301	7	18 766	3 9	732
308	7	21 032	4 0	537
315	8	20 971	3 7	768
352	7	20 679	3 1	644
R 12	6	23 325	4 0	923
395	5	21 466	3 2	684
8	5	22 126	3 1	678
13	5	23 803	3 5	824
26	5	15 863	4 2	664
31	5	18 013	4 0	712
59	4	20 468	3 3	684
94	3	20 501	3 4	703
R 133	3	23 564	3 8	892

(Turn to Page C6)

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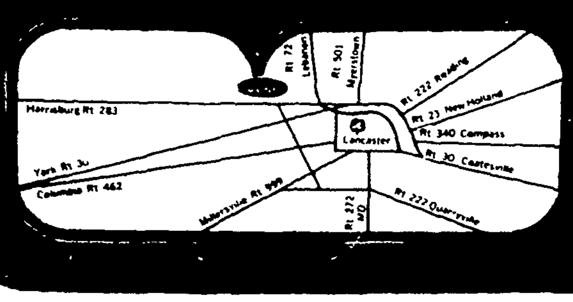


Cumberland Co. DHIA

(Continued from Page C5)

R 137	3	21,245	3.2	684
122	3	21,445	3 2	676
R 142	3	20,279	3 3	679
126	3	18,932	3 8	723
R 182	2	21,392	3 1	660
R 187	2	17,929	3 7	655
171	2	20,444	3 2	656
174	2	19,482	3 7	720
John F Stamy, III				
69	6	20,859	3 1	650
52	2	17,132	3 8	652
Carl Kelso, Jr.				
2	7	20,775	3 2	669
125	3	22,381	3 4	763
Chester C Weaver				
Dual	6	19,609	3 8	753
Samuel D Shenk				
Deb	3	16,045	4 5	729
Phyllis	2	17,050	4 4	754
Oscar Nealy & Sons				
13	6	19,985	4 2	831
Berkheimer Farms				
141	5	25,384	3 3	847
133	5	22,446	3 8	842
135	5	22,091	3 5	784
37	4	17,846	3 7	669
Stambaugh Farms				
127	3	19,966	3 3	650
Glenn W Myers				
Princes	4	19,329	3 8	738
Sara	2	16,119	4 1	667
David S Miller				
Tena	8	16,365	4 1	668
John F Stoltzfus				
Bess	10	21,042	3 2	679
Mervin E. Ruppert				
Cora	10	18,555	3.6	663
Allen B. Martin				
11	5	17,879	3 9	697
Clifford Chamberlin				
Andra	4	17,655	3.8	672
Flo	5	19,767	4 3	842
Bobbie	2	16,659	4 1	685
Daniel L Martin, Jr				
45	3	20,649	3 3	678
54	4	19,303	3.8	724
117	2	19,231	3 9	751
Marlin Miller & Sons				
22	4	22,339	3 7	827
8	3	18,558	3.8	697
Gerald P Jones				
62	6	18,003	3 9	703
Daniel R. Ocker				
20	3	16,172	4 4	719
Roy E Deitch & Sons				
127	3	17,260	4 0	696
Ralph L Deitch				
11	6	19,210	3.6	686
Allen & F Glenn Peffer				
Obie	3	16,981	3 9	657
Stanley Reinford				
275	3	19,551	4.2	824
Christ-Barbara Lapp				
Ella	5	18,712	3.8	704
Ed-Kathy Kuntzelman				
23	3	16,575	3.9	653
Ed Brackbill & Yost				
78	4	16,836	4 3	723
M. Thomas Sheaffer				
Mary	5	18,719	3 8	715
Gleam	2	18,979	3 5	665
Nevin Shughart				
Faye	4	20,090	3 3	653

dhia
Pennsylvania Dairy Herd Improvement Association

Lycoming County DHIA Monthly Report

August, 1983

NAME	BRD	NO. COWS	% COW DAYS IN MILK	LBS. MILK	LBS. FAT
Eugene W Hall	R&GrH	63 6	90 9	20,218	805
Richard Barto	R&GrH	47 1	90 7	19,488	732
Marshall Bros Inc #1	RH	113 1	89 2	16,369	697
John Snyder	RH	40 0	86 5	17,416	686
Mont-Will Farms	R&Gr H	39 9	86 6	17,800	681
Samuel & Larry Fry	RH	120 4	87 3	18,811	678
Franklin J Finck	RH	81 0	88 0	17,059	661
Don & Scott Lepley	Gr H	34 3	88 7	18,250	659
Schon-Crest Farms	R&GrH	41 2	89 2	18,489	658
D & W Kulp	R&Gr H	47 8	84 3	17,306	653

Cows Producing Over 650 Lbs. Butterfat

Harold R Drick				
Florie	6	17,678	739	305
Samuel & Larry Fry				
Nittie	4-10	25,215	1116	305
Patsy	4-9	22,729	793	305
Dawn	2-3	17,247	698	305
John Snyder				
Ada	7-	21,517	778	305
John C. Bower Jr				
Dot	6-10	17,973	854	303
Mont-Will Farms				
Patsy	10-3	19,861	796	305
Richard Barto				
12Susi	4-1	23,415	885	305
Ritter-Ridge Farm				
Daisy	5-8	22,426	993	305
Leah	8-	22,457	932	305
Nora	4-8	19,266	754	290
Nikki	2-8	19,013	775	305
Eugene W Hall				
Lucy	5-10	19,965	783	305
Spice	4-7	26,439	1228	305
Pep	4-10	24,882	916	305
Patsy	3-9	17,146	825	305
Betsy	3-2	22,982	751	305
Marshall Bros Inc #1				
G2	4-8	22,060	891	305
G59	3-	15 843	876	305
Harold & Anna Mae Bower				
Beauty	5 9	17 636	770	305
Dale F Cooley				
Molly 24	8-1	20 230	794	[illegible]
Lost Brook Farm				
86	6-2	20 884	750	305
Aaron Ritter				
Saffire	3-8	22,967	969	305
Franklin J Finck				
Nancy27	6-10	19,686	801	305
Linda63	3-5	18,815	793	299
Penny70	3-4	21,938	759	305
Mario74	3-2	21,682	751	294

Crane Stoves are sensational.
Nobody In This Whole Country Makes A Better Coal Stove Than Crane!

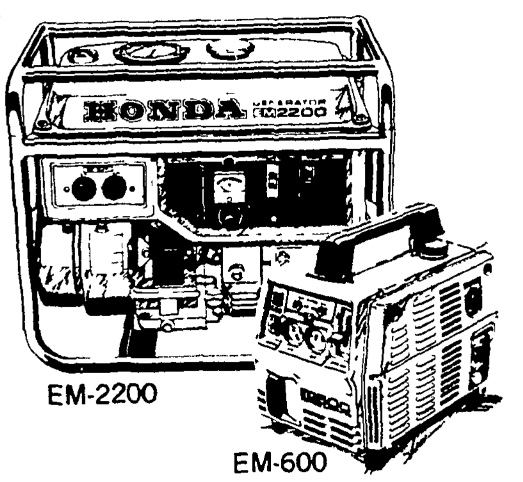
DON'T BE LIMITED TO BURNING COAL ONLY...
Buy the stoves that are designed to burn coal, but will burn wood also.

REVOLUTIONARY NEW GRATE SYSTEM

We feature many models of stoves and inserts
COLEBROOKDALE GEORGETOWN
LIBERTY BELL HEARTHSTONE

DUSSINGER'S QUALITY STOVES

"Expert Guidance, Installation & Service"
2533 Old Phila. Pike, Rt. 340, Smoketown
(717) 397-7539
T, T & F 10 till 8; W & S 10 till 5; Mon by appt.



POWER TO GO IN ALL SIZES.

Honda's EM-500 portable generator gives you 500 watts of power wherever you need it. It's compact, lightweight, easy to start and economical And it's perfect for battery charging, camping, boating or emergency use

For larger recreational needs, there's Honda's EM-1600, EM-1800 and EM-2200 They're hard working and dependable with plenty of power for lighting up the campsite Running small appliances Even cooking your dinner

IT'S A HONDA

Prices Starting At $375^00

For optimum performance and safety we recommend that you read the owner s manual before operating the unit © 1982 American Honda Motor Co Inc

Hollinger's FARM MARKET, INC

TWO CONVENIENT LOCATIONS:

1755 W. Main St.
Ephrata, PA 17522
Located on Route 322
Phone (717) 738-1131

1515 Chocolate Ave.
Hershey, PA 17033
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Buy at Dealer Invoice

Model
- NI 243 Spreader
- NI 244 Spreader
- NI 196 Grain Augers

. . . Plus many more!

We're Dealing Straight From the Invoice

Now, for a limited time, we'll sell selected New Idea equipment on our lot at the factory invoice price.

We are sacrificing profits now to lower our inventory investment cost during the winter months.

THINK ABOUT
- Our low prices
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- Investment tax credit
- Re-Investing your PIK income

See us now. Check the invoice and save on top quality New Idea equipment at our lowest possible price.

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LESLIE FOGG, INC.
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BOAC winners

NEW BRUNSWICK, N.J. — The BOAC Program involves FFA chapters, community civic organizations, and private citizens in projects to enhance the social and economic development of communities across the nation. FFA members themselves provide the stimulus in conducting activities to make their communities better places in which to live and work.

The 191 BOAC award-winning chapters were selected by a special committee suprvised through the National FFA Organization. They will receive their awards at the 56th National FFA Organization. They will receive their awards at the 56th National FFA Convention, November 10-12, Kansas City, Missouri. During the convention, one of these chapters will receive a national citation for the best FFA community improvement project in the United States.

The BOAC Program is sponsored by R.J. Reynolds Industries, Inc., of Winston-Salem, North Carolina, as a special project of the National FFA Foundation, Inc.

Chapters in New Jersey which won recognition were: Oakcrest FFA Chapter, Oakcrest Regional High School, Mavs Landing; Cumberland Regional FFA Chapter, Cumberland Regional High School, Seabrook; and the Middlesex FFA Chapter, Middlesex County Vocational School East Brunswick

It's Magic
How quickly
You Get Results
From Our
Classifieds!
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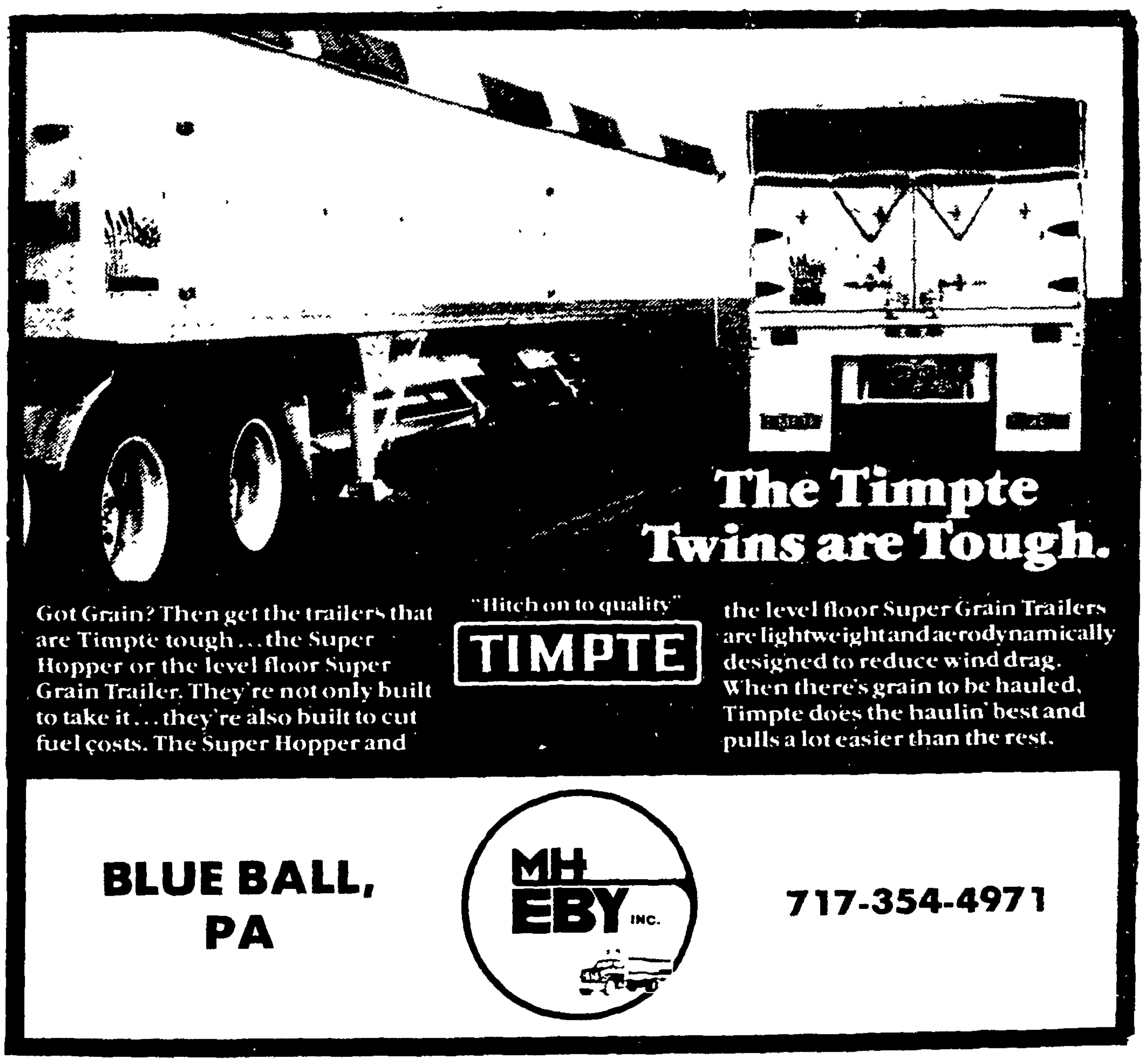

The Timpte Twins are Tough.

Got Grain? Then get the trailers that are Timpte tough... the Super Hopper or the level floor Super Grain Trailer. They're not only built to take it... they're also built to cut fuel costs. The Super Hopper and the level floor Super Grain Trailers are lightweight and aerodynamically designed to reduce wind drag. When there's grain to be hauled, Timpte does the haulin' best and pulls a lot easier than the rest.

"Hitch on to quality"

TIMPTE

BLUE BALL, PA

MH EBY INC.

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HiPerForm

"The Ultimate Measure of a Cooler s Worth is its Performance!" . . . and when you put your milk in a Mueller HiPerForm

...its like Money in the Bank!

Mueller Model OH Milk Coolers not only look good they offer the ultimate in sanitary design and are 100 stainless stee

The HiPerForm Electronic Refrigeration Washing System has a new look and new features

- Alarm Circuit
- Pre start Control
- Agitate Time Switch
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- Manual Bypass
- Digital Display
- Digital Temperature Readings

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MUELLER SALES-SERVICE

USED TANKS AVAILABLE

Save Money and Get FREE HOT WATER!

The Model "D" Fre-Heater

24 HOUR SERVICE
GEORGE M. PRIEST, JR. & SONS
RD8 Box 142 Hagerstown MD 21740
301-797-3921 or 301 733-6661

PFA policy meeting

CAMP HILL — The Policy Development Committee of the Pennsylvania Farmers' Association (PFA) will meet Monday and Tuesday at the Sheraton Harrisburg, New Cumberland.

PFA vice president D. Eugene Gayman, who is chairman of the statewide committee announced, "We will be reviewing about 475 suggestions submitted by PFA's 54 county associations. After a thorough evaluation, the county suggestions will be combined, rewritten and prepared for consideration by voting delegates at PFA's Annual Meeting."

Several hundred farm leaders, including 169 voting delegates, will meet at Hershey, Nov. 13-16, to adopt policy on farm issues and elect officers.

In addition to preparing policy recommendations, the PFA Policy Development Committee will hear from several guest speakers, including Peter Duncan, Executive Director of the Pennsylvania Farm Commission; Donald Tortorice, Esq., of the Pa. Association of Milk Dealers; and George Wolff, a legislative consultant.

Representing each county association of the PFA Policy Development Committee will be their county committee chairman or a substitute.

NEMA elects

LANCASTER — At the annual meeting of the Northeast Egg Marketing Association last week in Hershey two egg industry people from Pennsylvania were named to serve the association in 1984.

W. Robert Park of Valensia was named president of NEMA.

Jay Greider of Lancaster was re-elected as a member of the board of directors.

Other directors from Pennsylvania are John Snader of Fredericksburg, and Jim Wolf of Stewartstown.

Officer training in N.J.

NEW BRUNSWICK, N.J. — FFA Chapter Officers from high schools throughout New Jersey will attend a specialized training conference, next weekend at the Conference Center at Camp Bernie, Port Murray, N.J. This conference will be conducted by the State Officers of the New Jersey Association of FFA Chapters.

The program provides activities to train local chapter officers for their year of leadership service to their school and community. Activities planned will develop communication, parliamentary procedure, and public relations skills. Training sessions also include work with committees and the unique responsibilities of each office. The officers will set their chapter goals for the year and learn about 1983-84 state and national activities.

FFA activities are part of training for an occupation in agriculture, agribusiness or horticulture. There are 1,588 New Jersey FFA members in the state.

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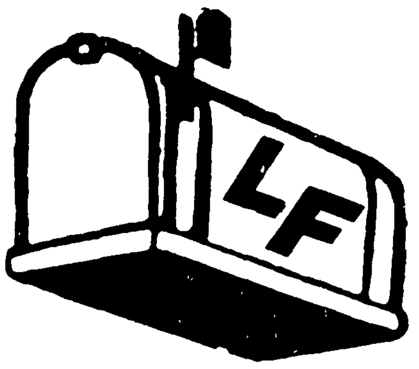

IMPORTANT: Be sure to include name, address, and word count
PLEASE WRITE CLEARLY

Please publish my ______________ word ad ______________ times
(Number of Words) (Number of Times)

starting with the ______________ issue. Classify under ______________.

I enclose ______________.

MAIL TO:
LANCASTER FARMING
P.O. Box 366, Lititz, PA 17543

NOTE: Please do not use this form for Mail Box Market Ads, see instructions in Section B with Mailbox Markets.

DEADLINE: 9 A.M. THURSDAY OF EACH WEEK'S PUBLICATION

RATES: 20ᶜ Per Word, $2.40 Minimum Charge

For ads running 3 or more consecutive times with no change deduct 20 percent discount. (See rate chart at beginning of classified section for an example of discount.)

1	2	3	4
5	6	7	8
9	10	11	12-$2.40
13-$2.60	14-$2.80	15-$3.00	16-$3.20
17-$3.40	18-$3.60	19-$3.80	20-$4.00
21-$4.20	22-$4.40	23-$4.60	24-$4.80
25-$5.00	26-$5.20	27-$5.40	28-$5.60
29-$5.80	30-$6.00	31-$6.20	32-$6.40
33-$6.60	34-$6.80	35-$7.00	36-$7.20
37-$7.40	38-$7.60	39-$7.80	40-$8.00

BUY SELL, TRADE OR RENT THROUGH THE
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PHONE: 717-626-1164 or 717-394-3047

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20c per word
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Use This Handy Chart To Figure Your Cost

Words	1 Issue	3 Issues
12 or Less	2 40	5 76
13	2 60	6 24
14	2 80	6 72
15	3 00	7 20
16	3 20	7 68
17	3 40	8 16
18	3 60	8 64
19	3 80	9 12
20	4 00	9 60

KEYED ADS (ads with answer coming to a Box Number, c/o Lancaster Farming) 50 cents additional

Ads running 3 or more consecutive times with no change billed at 20 percent discount

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Lancaster Farming
P O Box 366
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The following categories are available for your classified advertising in Section C. Deadline-Thursday morning at 9 of each week's publication

- Farm Equipment
- Silos & Unloaders
- Buildings & Supplies
- Grain Equipment
- Dairy Equipment
- Livestock Equipment & Supplies
- Cattle
- Horses & Mules
- Sheep & Goats
- Swine
- Artificial Breeding
- Hog Equipment & Supplies
- Poultry & Supplies
- Feed & Seed
- Fertilizer
- Plants
- Fruits & Vegetables
- Nursery
- Lawn & Garden
- Services Offered
- Custom Work
- Help Wanted
- Situations Wanted
- Business Opportunity
- Autos
- Recreational Vehicles
- Notice
- Lost
- Found
- Pets
- Household
- Miscellaneous
- Computers

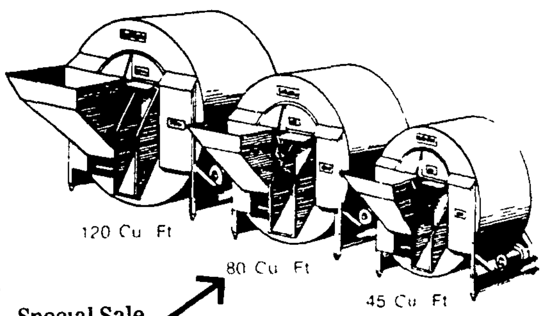
The following categories are available for your classified advertising. in Section B. Deadline-Wednesday afternoon at 5 of each week's publication

- Real Estate
- Trucks & Trailers

FARM EQUIPMENT **FARM EQUIPMENT**

LANCASTER SILO CO., INC.
2008 HORSESHOE ROAD
LANCASTER, PA 17601

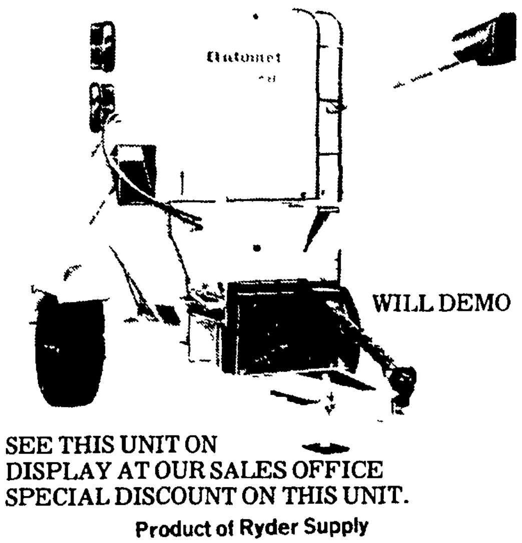
"STEINER" ROLL-A-MIXERS —
Make Complete Total Mix Rations



Special Sale
On 1-80 Cu. Ft.
Model In Stock

List Price $4695 / Sale $3900
w/Motor & Scale

"NEW" - "NEW" - AUTOMATIC ROLLER MIXER
The Efficiency and Quality of Automatic Rolled Grain Combined With Mixing Excellence.



WILL DEMO

SEE THIS UNIT ON
DISPLAY AT OUR SALES OFFICE
SPECIAL DISCOUNT ON THIS UNIT.

Product of Ryder Supply

20% Cash Discount On This Mixer-Purchased in Oct.

CALL
717-299-3721

WAYNE LLOYD - SALES
LARRY HIESTAND - OFFICE

FARM EQUIPMENT

Farmers & Dealers – Your advertising pays for itself when you advertise your equipment in the farm equipment section. 717-394-3047 or 717-626-1164

Combine, Harvester and Corn Head Parts For Sale off used machines. Wenger's. 717-866-2135.

Farm tires and tubes, fronts, rears and implements, low, low prices, Eddie's Tire Outlet, Willow Street, PA 717-464-5008 or Chambersburg, PH: 717-263-0013. Wilmington, DE 302-655-8500.

Used Farm Tractor Parts by the thousands. Wenger's. 717-866-2135.

Used sawmills for sale. We buy and sell. Leroy Wray, R.D. 1, Douglassville, PA 19518. 215-385-3884

MC 5' fodder chopper (exc.)
Little Giant corn drag
McCurdy corn drag
(3) Nicholson Hay Tedders
NH 55 and 56 Hay Rakes
NI 751 Crusher
NH 450 3 pt. mower
IHC 100 7' Trailer Mower
AC B125 Power Unit
TOM WHEARY
Lancaster, Pa.
717-687-0102

Chisholm - Ryder snap bean harvesters, all machines complete w/hyd. dump boxes, recond. and painted, 609-769-3183.

IH 21x7" soybean special drill w/double disc openers, dual rib press wheels w/depth control, $3,500, 301-272-3636 day, 301-272-2620 night

FARM EQUIPMENT

For Sale - 1956 Hough 4 wheel loader, model HO22A, $6,800. Myers 500 gallon double blast ag sprayer, mounted on Reo 6x6 army truck, $8,500. 34' Fruehauf self-contained live bottom trailer, $1,900. 2 Smitley range feeders, 4 ton capacity, one good $400, 717-473-3031 8-5 PM 717-473-3852 evenings.

For Sale - Hesston 12' Hydro swing haybine, good cond., 215-944-0791.

For Sale - 325 bu. N.I. Spreader, hyd. tailgate, top beater, pan, new web 1 yr. ago $2950. Snyder Co. 717-374-8750.

3300 JD combine, like new, 427 hours; JD 38 harvester w/pickup. Good condition, 814-926-3669.

Old two cylinder John Deere fly wheels rebuilt with our patented steel draw in hub which has the ability to tighten up on new or worn crank shafts. Also available new manufactured unbreakable fly wheels. Allen Machine Works, RD #7, Jonesboro, Tenn. 37699, 615-753-5738 day or night.

For Sale - 1980 AC gleaner, L2 corn plus, 400 hrs. on separator, 6 row narrow corn and 15' grain head, excell. cond., covered storage, $59,000, Warren Co, 201-479-4917.

FARM EQUIPMENT

JD 4320 wide front, 18.4-38 tires, dual remotes. 814-793-4293.

AC 190XT 94 HP Diesel with cab, excellent $6950 or best offer, 814-467-8839, Somerset Co.

1974 Case, 970 cab, air, duals. Also Butler grain dryer. 609-654-9539, Medford, NJ.

For Sale - 1946 JD model B tractor, completely restored $700, 1979 350 Olds Diesel motor for parts, make offer, 717-532-8601.

Hesston No. 10 stacker and carrier, good for corn stalks, good condition, $1995, 814-467-8839, Somerset Co.

Wanted - engine block for JD 3010 part #R26160R, engine #13E15320, 717-933-2573.

For Sale - Holland 2 row vegetable transplanter pull type $300; seven heavy duty farrowing crates with water bowls, $75@, Berks Co., 717-933-8082.

IH 806 Diesel 95 HP with cab, clean $6950 or best offer, 814-467-8839 Somerset Co.

For Sale - Chisholm Ryder bean harvesters with Pix-All, hyd. dump carts - model 504, completely reconditioned and painted. Ideal for commercial or fresh market grower. 609-451-3877.

NI 456 round baler, baled only 200 bales $7500, 412-238-9814.

JD 60 new rubber, very good condition, $2000. 215-356-5305.

FARM EQUIPMENT

John Deere combine tires and rims 64x37x30, excellent condition. 301-836-2676.

York Landscape rake, very good condition, 717-225-5285.

13 disc Case grain drill on rubber, International subsoiler on wheels, excellent condition, 609-466-0828

Single row snapper head for 770 New Holland harvester, excellent condition, $1,500, Huntingdon County. 814-669-9360.

For Sale - bin wagon with extension sides, no rust, 4 snow plows 6' to 8', NH bale conveyor $75; Harvest handler aluminum conveyor; snow fence $15 per roll, 215-647-8778.

For Sale By Farmer - JD 3010 gas, NF, good cond., $3250, 717-665-2561.

Case tractor model 930 with cab Diesel, no hours on rebuilt engine $5900; IH combine model 303 with 3 row corn head model 733; 13' grain platform field ready $3900, will consider offers, near Hagerstown, MD 301-739-4220 Ex. 134.

For Sale - JD 2 row level bed potato digger $1500; AC blower with 10 ft table belt driven $200, Sch Co., 717-425-3486.

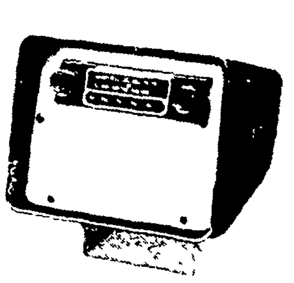
For Sale - New Holland tank spreader #365, good condition, Lancaster County. 717-367-3233.

MF 175 diesel, wide front, multi-ower. 814-793-4293.

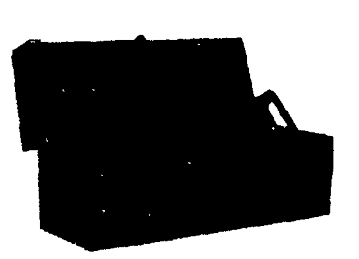
PART SMART

AM-FM pushbutton fender mount radio

Only $127.67



Features include heavy duty ABS rust resistant housing, heavy duty 18 gauge inner housing, AM-FM radio bands solid steel construction for instant play, large 4 x 8 speaker complete hardware and instructions for easy installation Also included are accessory packages for external antenna applications 1131 878 R1



Santa's own hand-carry tool box

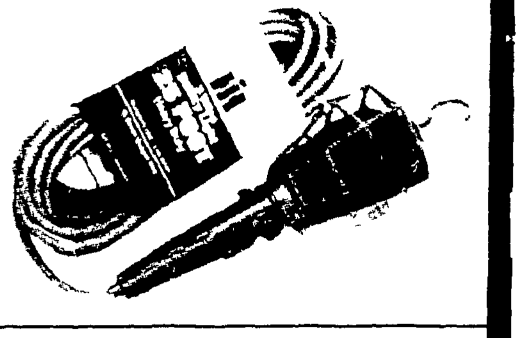
Ideal gift for Dad he ll be able to take his tools anywhere Has handy tote tray and low profile for easy transport and storage 19 1/8x6x6¹. 1132 079 R1

Special Christmas Price $9.99

Utility light

Handy for hundreds of uses, this light features directional swivel hook, vented high heat polypropylene bulb guard, safety switch button guards with built-in three-wire grounded outlet comfortable finger grips, 25-ft cord 1131 503 R1

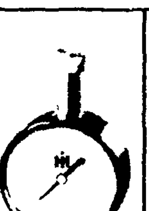
$11.95



Tire Gauge

- Easy-to-read dial from zero to 100 psi
- Brass gear movement assures accurate reading of tires filled with air or solution.
- For farm equipment, trucks, autos, campers
- Sturdy construction with unbreakable crystal
- Part number 407 388 R1

Special $5.95
Savings 52¢



IH Hand Cleaner
for all your dirty jobs

IH's Antiseptic Hand Cleaner removes greases, cements, paint, ink, and all soils Or select the new IH Heavy Duty Hand Cleaner with grit scrubber action
Antiseptic Hand Cleaner
1 lb can 999 561 R1
Heavy Duty Hand
Cleaner pt 1131 736 R

PART SMART

ERB & HENRY EQUIP., INC.
New Berlinville, PA 19545
PH: (215) 367-2169

FARM EQUIPMENT

AC Model 45 Motor Grader $5,000; Call after 6 p m 215-932-8202 for sale.

G-1000 M/M very good condition, Case 800 3 pt hitch w/PS. 301-833-1847.

NI 2 row narrow, 30" 12 roll corn husking bed corn picker, A1 condition. 717-626-7109.

300 IH utility farm gas tractor w/Wagner front end hydraulic loader, also log loader, PS, quick hitch, PTO shaft, excellent condition, $2800. 1-301-724-5126 Allegheny County.

For Sale - Rye $4.00 bushel, Also Ford 140 3 bottom 18' toggle trip, high clearance, fully mounted plow. Has hydraulic hillside hitch w/cylinder, $995 firm Also 6000 gal. tanker trailer. New caps. Road worthy. $1850 or $850 without tires and wheels Snyder Co 717-837 0724.

For Sale - International tractor cab with heater and radio, will fit most 06, 26 and 56 series tractors, like new condition, $1000 814-328-2364 or 814-849-5754

For Sale - JD 343 snapperhead w/adapter to fit forage harvester or combine, very good condition. 717-273-6036.

Antique farm wagon, wooden wheels, perfect cond., best offer, 717-444-3815

New Leader 18 cubic yards spreader, dual spinners, good for lime or fertilizer, can be mounted on 10 wheel truck, best offer, 215-363-6677, 7 AM to 6 PM.

JOHN DEERE

NEW EQUIPMENT
JD 950 Tractor
JD 1050 Tractor
JD 2040 Tractor
JD 714 Forage Boxes
JD 1075 Running Gears
JD 1209 Mower Conditioner
Hesston 1014 Hyd Swing Conditioner
JD 1710 Mulch Tiller
Bush Hog 1432 10½' Disc

USED EQUIPMENT
AC C & WC Tractors
Farmall MD, Super M Tractors
JD B Tractor
JD 520 Tractor
JD 720 Tractor
JD 3010 RCU Tractor
Farmall Cub w/outfit
Cub Frt Mtd. Blade
JD 494A Planter
IHC 315 Mulch Packer
IHC 540, 550 4B Plows
JD F125 6B Plow
Ferguson 2B Plow
JD AW Disc 12'
Woods Cadet 60 Pull Type Mower
NH 6' Cutter
JD 507 Cutter
MF 41 Sickle Bar 3 pt. Mower
Mayrath 40' Elevator
NI Hay Rakes on steel
Myers Snowblade
Valk ST80 Snowblade

USED COMBINES
JD 95 w/platform
JD 434 corn hd.
AC C2 w/platform
AC 4R corn hd.
JD 45 w/platform
Plus other new and used equipment

Call For Details
MILLER'S SALES
& SERVICE INC.
West Penna. Ave.
on Highway 851
Stewartstown, Pa.
717-993-2470
or 993-2732

FARM EQUIPMENT

Hillside 6600 hydrostatic combine in excellent condition, $20,000 Larry Stalter "The Combine Man" 219-862-2151

JD 4230 4 post roll guard, dual hyd., 2000 hours, 814-793-4293

Oliver 1600 diesel, wide front, 3 pt, 814-793-4293

JD 4010 diesel, wide front, excell cond, 814-793-4293

JD 730 diesel, electric start, wide front, 3 pt hitch, 814-793-4293

JD 4020 72 model, dual outlets, 2300 hrs., excellent, 814-793-4293

JD 3020 Diesel, wide front, dual hyd 814-793-4293

Oliver 1850 diesel, dual hyd., wide front, 814-793-4293

Oliver 1950T cab and air, dual hyd, original paint, 814-793-4293

6600 John Deere Hillside combine, excellent condition, $17,500 219-862-2151

USED TRACTOR PARTS, also rebuilt clutches and torques We ship UPS Hill-T Farm Sales & Service, 4295 Richmond Palestine Road, New Madison, Ohio 45346 513-548-0718

Smoker NH 30' Elevator $750; Farmec Corn Drag, very good, $350; Lely pull type spin spreader, $600, NI 10'Easy-Flow fertilizer drill, like new, $550 717-687-0102.

For Sale - TMR feed mixer, electronic scales for exact weighing Excellent condition. Call for details 717-758-2136

Wanted - burned, rolled or fire damaged combines and tractors. Prefer JD, 1970 or newer. Will pay cash For offer call 215-756-4341.

Pollard 5 Wheel Rake, $450; Case 3B Plow $350; 5' rotary mower (demo) $525; MF 2B 16" Plow $325; All equipment is in good to excellent shape. 717-687-0102 Lancaster Co.

USED PARTS-Combines, Hay tools, Implements Save 50% or more Maplewood Implement Sales, 19355 SR47, Maplewood, Ohio 45340 513-492-3436, 8-5, 6 days

Oliver 1750 diesel, like new condition 814-793-4293

2 wire corn cribs, capacity 1200 bushels Also NH blower, model S23, make offer 215-827-7687

MF 35 Deluxe w/scraper blade, dirt and manure bucket, $3000 302-737-6526

Massey Ferguson 300 combine 13 foot grain head, 2 row corn head, $12,000. Will finance 717-387-0547

NH hay baler, JD haybine, wagon and rake. 717-582-2352.

For Sale - Stoltzfus Liquid Manure Spreader with spinner, very good cond., Ben H. King, 352 Gridley Road, Lanc. PA 17602.

NH 478 haybine, like new. 284 International tractor, 6' disc. 215-348-0792.

Wanted - 35 HP diesel engine, in good condition, prefer air-cooled Lancaster County 215-445-4661.

NI model 323 corn picker, excellent condition, 201-879-5851 days, 201-584-5054 nights.

JD 730 diesel, new tires, electric start, recent motor, new style fenders, runs good. 201-496-4653

1000 gallon fuel tank, $145. 100 gallon fuel tank and hand pump, $85 717 684-0143

JD 4400 gas combine, floating grain head, all new belts, straw spreader, very good condition. $11 000 Montgomery County 215-933-5216

FARM EQUIPMENT

JD 60 live hyd $1,500 or best offer good condition Wanted IH Super C for parts. 717-629-0403

2 JD #38 forage harvesters, 1000 RPM, both good cond, flotation tires 1 with 1 row corn head, 1 with 2 row corn head, was $1200 each, now $800 for choice. Also new 225 bushel gravity bin with 12" side boards and end ladders, mounted on heavy duty 8 ton running gear with new 9 5Lx15 tires and tube, was $1375, now $1175. 717-582-4365 any time

1972 Ashley rubber tired front end loader Also has mounts for grader, make offer, 215-385-3884

D4 Caterpillar power take off wanted Call or write, Martin Rissler, R 1 Stevens, Lancaster Co Pa 17578, 215 267 2244

I H Model 51 4-H wagon $2,500, allied 48' PTO ear corn elevator $2950, Pittsburg 9' transport disc $1500, John Blue 200 gal Anhydrous Applicator $2750, Behlen wire crib 4400 basket $1450, Kilbros Model 315 gravity box on N H Chassis $950, all equipment in excellent condition Hays Santy Farm, Scottdale, PA 15683 412-887-8286

For Sale - MF 300 combine 11' grain head and 2 row corn head $2000 Also JD 30 two row potato digger $1800. 717-286-8846

Wanted - wide front end for Farmall Super C, call York Co daytime, 717-428-1012

Massey Harris 101 parts only, good rubber 9 5x36 4-ply 5x15 front, after 6, 215-767-3321

Massey 410 SP combine with grain head and 422 4 row corn head, $5000. 412-423-4361, 412-423 5840 eve

For Sale - bale wagon with steel sides and Oak floor 8' high 8' wide, 18' long. 717-665-6259 evenings 717-626-1862.

IH vibra harrow 14'8" with 15' Mid West harrow, $2375. 717-258-3967 Cumberland County

For Sale - JD wide front to fit 2 cylinder tractors $500 PT 10 haybine in good condition, $1750 NI 323 1 row corn picker $2900 Lancaster County 717-665-7434

For Sale - IH 1456 w/cab, duals and PTO, good condition 717-464-3697

For Sale 4-180 White duals, low hours Call 717-866-4280

New Holland 770E snapper head, fits 770 or 782 harvester Two years old, picked 75 acres, 717 297-3676

For Sale - New Idea Uni System, 720 head and 726 husking bed, 302-734-4504 or 302-697-3379

JD 4010 Diesel, wide front, very nice condition, 717-532-7054.

For Sale - Brady 4 row stock shreader, 1949 Dodge 1500 gal. tank truck, Oliver 2 row potato digger, Tico traveler irrigation system and Chrysler industrial pump 717-398-0226.

Orchard Equipment - Friend sprayer, MH tractor, 7' sickle and rotary mowers, 2 bottom plow, spring tooth harrow, double axle wagon. $1500 takes all. 215-791-0776

One IH model 153 4 row cultivator, 2 50' tractor drive belts, 215-666-5410

For Sale - F20 Farmall tractor, good working condition, call Harold Graby, 717-867-1093

Combine - IH 93 with 10 grain head, pickup reel, field ready, $1800 609-586-2869 after 5 PM

For Sale - Rotary mower Big 8, Model 660, 6' cut, new condition, cut only 15 acres $700 Owner deceased York County Call 717-938-6318

FARM EQUIPMENT

New Calumet 8' liquid manure agitator discharge pump, 540 PYO, list price $5350, your price $4100. F.O.B. Richmond, VA. 804-275-9237 or 804-794-4198.

FARM EQUIPMENT

Oliver 1655 diesel, dual hydraulics, wide front. 814-793-4293.

JD 4230 w/JD rollguard cab, quad range, dual outlets, 1100 hours. 814-793-4293.

FISHER AND THOMPSON ASSOCIATES

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USED EQUIPMENT

- 1-2", 32 Cow Glass Pipeline $2995
- 6 - Bou-matic Pipeline Milker Units w/out claws .... $60.00 ea.
- 2 Surge Alamos 75 CFM N-Z....... $700.00 ea.
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- 1 - Completely Rebuilt Bou-matic FR3 . $600.00
- 4 Nu-Pulse Pipeline Units......... $250.00 ea.
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- 12 Surge Manual Feeders ...... Make Offer
- 1 - Bou-matic Oil Reclaimer $175.00
- Bou-matic Electric Pulsators....... $30.00 ea.
- Bou-matic California Stretch Bore Shells.......................... $5.00 ea.
- 4 DeLaval Claws (smaller size) ..... $30.00 ea.

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24 HR. SERVICE

Amos Fisher
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Rick Thompson
717-627-1530

FARM EQUIPMENT

Minneapolis Moline G900 diesel, original paint, like new. 814-793-4293.

MF 65 diesel, 3 pt. hitch, wide front. 814-793-4293.

JD 4440 power shift, dual wheels and dual hyd., exc. cond., low hours, 814-793-4293.

NH TR-70 combine, 1980, has all options, 15' grain head, corn head, excellent cond., financing, 609-267-5000.

Surge Tru Solid liquid separator, like new; Parma Chopper pump; Bale-a-matic bag holder; AC 20KW alternator with engine, must sell, 914-744-3219.

Used Gehl 1500 round baler; Allis Chalmers parts D14, D17, WD45 Diesel, West Moreland Co., 412-423-4076.

For Sale - JD 4620 Tractor, excellent condition. 717-284-2761.

JD model 100 stacker, excellent condition, B. Equip., Inc., Waynesboro 717-762-3193.

Used Big Dutchman feeder, 1 dry unit, approx. 300' of chain, approx. 300' of trough, 6 corners, $200. 717-386-4899.

For Sale - 4 wheel drive articulated loader 1¼-1½ yard bucket, powered by Perkins, Clark components, machinery good, appearance good, perfect for snow machine. 717-438-3354.

FARM EQUIPMENT

For Sale - JD 650 Diesel, 4 wheel drive with loader, 4020 JD, power shift 4500 Hesston baler, 717-733-0575.

3 Hay Wagons - NH 234, 8 ton, balloon tires, Lamco rack, 3 yrs. old. $1800. 703-476-5577.

For Sale - 1981 JD 6620 sidehill combine w/JD 643 corn head, 485 hours, 10 months warranty, $62,000 negotiable. 717-463-2394.

Knight model 500 spreader, in excellent cond., 717-872-9152 daytime, 872-2579 evenings and weekends.

Mich. 75 loader, gas power, excl. cond., good tires, front & side dump bucket. Bucks Co. 215-297-8354.

For Sale - 1978 John Deere model 6600 combine, side hill, 1550 hrs., with 643-6 row corn head and 215 grain platform, Tross Terrains, Inc. Box 511, RD 3, Sunbury PA 17801, 717-286-6411 or 717-286-0215.

NI (new) 323 corn picker $5600; NI (used) 323 corn pickers $2200 to $3500; NH (new) 310 engine baler, super sweep, chute, wagon hitch $5950; McCormick corn binders (PTO) good cond. $500 to $800; NI 752 crimpers (orange top) $400 to $650, Pequea Machine, 3230 E. Gordon Road, Gordonville, PA 17529.

FARM EQUIPMENT

Pre-1930 Fordson tractor on steel wheels, running condition, $850 negotiable. 215-723-8445.

For Sale - JD loader fits JD A or JD B in very good condition. 12' truck bed made into 16 hole cattle feeder, 717-264-7145 Franklin Co.

Early 1930 Farmall F-20, running condition, $450 negotiable. 215-723-8445.

Used JD 244 corn head with adapter for 3800 harvester, used 100 acres, $2650. 717-662-7722.

For Sale - LA JD tractor w/starter and lights, plow, cultivators and harrow, A-1 condition. 717-258-6158 Cumberland County.

For Sale - John Deere Model 40 utility 3 pt. & pulley. Good condition, $2200. 717-626-5033.

For Sale - IH 16 harvester w/one row - RC, $400. Kools 1000 RPM blower, $800. JD 145 5-16, trash boards and sidehill, $1500. All in good condition. 717-463-2394.

Wheat drills, Oliver 16 disc, IH 10 disc, Oliver 24 disc, A-C Model E combine with 12' head only, A-C 66 PTO combine. 717-733-8708.

For Sale - Snapperhead for a 770 New Holland chopper, $1500. 717-548-3366.

FARM EQUIPMENT

International 1 PR one row corn picker for sale, working condition. Got two row picker. Call evenings 679-8921, Lehigh County.-

New Idea 7 foot cut/ditioner, windrower, and extra set of flails for corn stalks. Very good condition, $975. 814-237-0286.

For Sale - 520 Bobcat skid loader, hydrostatic 23 h.p. Kohler air-cooled gas. Engine is completely rebuilt. With 1 axle 3 ton trailer $5400. Call 717-768-8581.

JD 630, original paint, very clean. 814-793-4293.

For Sale - 1967 JD 4020 diesel with JD 48 loader, wide front end, differential lock, JD roll guard, M&W turbo, power shift transmission, 20.8 x 34 tires, in good condition, $8,600. 717-532-8601.

1937 unstyled JD A, Sears-Roebuck economy tractor w/model A Ford engine, Farmall F 30 tractor. 717-786-3087.

JD 2630 diesel w/loader. 814-793-4293.

For Sale - 45'6" mix mill grain leg, 8 hole distributor, good condition. Lancaster County, 717-898-8927.

IH 656 wide front 3 pt. 814-793-4293.

JD 7700 Combine $8000; JD 165 3 pt. Backhoe; 3 pt. cement mixer. 301-885-2450.

FARM EQUIPMENT

(1) GM 371 Diesel Power Unit with Rockford Clutch; (1) Onan Diesel single cylinder. Call after 4 P.M in Penna. 717-282-2342, in N.Y. 607-798-8927.

Ford one row picker sheller, fits Ford or Massey 65, $1000 Columbia County. 717-784-0628.

For Sale - NI 727 husking bed, good condition, $2500. Farmall MD, $1300. Huntingdon County 814-667-2297.

NI 327 corn picker, drag elevator, Ford 3-bottom 151 plow, after 7 215-756-4271.

IH TD9 crawler loader, $5000.

DENNIS M. MILLER
Rt. 22 Grantville, PA
717-833-1888 anytime
717-469-0937 daily

For Sale - Long 1100 tractor, Chester County 215-286-6047.

Uni 710 combine $2100, 729A sheller $1800; 730 4 row wide corn head $1250; 234 IH picker/sheller unit $600, or offer. 301-922-5180.

For Sale - VH4D Wisconsin engine, good condition w/4-1 reduction, starter available. Beiler Engine Service, R.D. #1, New Providence, PA 17560.

Corn picker, 2 row, 319 w/12 row husking bed. Also sheller, like new. All equipment ready to pick corn. 717-379-3245.

BUSH HOG®

POST HOLE DIGGERS

Two Economical New Models

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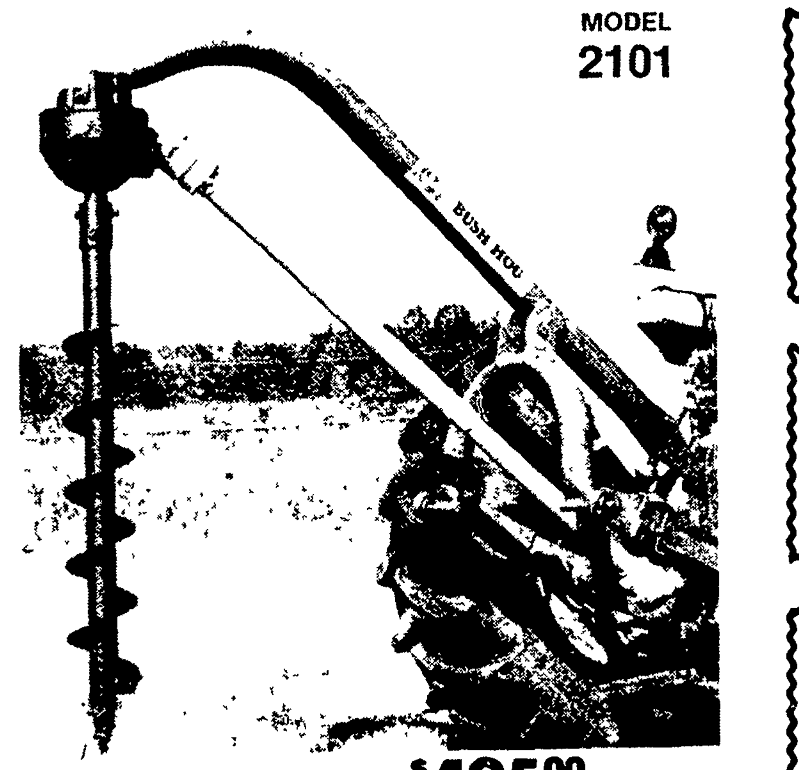

SPECIAL PRICE $495.00
With 9" Auger (Category 1 Hitch)

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EIGHT AUGER SIZES

BOLT-ON AUGER TEETH

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2102

SPECIAL PRICE $695.00
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Ford 10¾% interest	Kubota 10 5% interest	Cub Cadet Buy Now. No payment till March 15, 1984

Rent Glencoe Soil Saver or Lely 3 shank subsoiler and Moore no-till drill $8 an acre

CARS & TRUCKS

Louisville 9000 1974 290 Cummins engine, 10 speed Road Ranger transmission; Truck tractor Louisville 8000 1974 3206 Cat engine, paint good; Ford dump truck F600 tires good; Chevrolet Impala, motor good; Chevrolet pickup w/service body; Chevrolet camper w/canopy, sleeps six, refrigerator, gas stove and gas heater.

USED TRACTORS

JD A w/2 row picker; JD 2510; Kubota 345 DT w/loader; 305 DT; Case model 300; Satoh 25 HP 3 pt. hitch; Farmall H; A w/loader; Cub w/blade; Cub Lo-Boy 154; IHC 340 w/loader; Ford TW 10; 9600; 5000; 5600 4 wheel drive; 4610; 4600 w/cab; 4000; 3610; 3400; 3000; 2110; 8N; 9N; Fordson Major; Kubota 7100 DT.

INDUSTRIAL EQUIPMENT

1977 Yale forklift; 8000 lb. lift; Perkins diesel engine and torque converter, Ford 3610 w/Lincoln welder; Ford 5000 w/forklift; 4000 w/forklift; Ford 600 w/forklift; Ford 340 w/loader; Ford loader CL45; AC crawler HD 5; IHC crawler model T340 w/4-in-1 bucket; Ford TL340; Ford TL 445; Ford TLB 420; 2-new general 9 ton trailers.

HARVESTING EQUIPMENT

MF #35 self-propelled combine; Ford blower model 618; MC chopper; Ford 1 row mounted corn picker; NI corn picker 1 row pull-type; NI corn sheller pull-type; NI corn sheller pull-type model 310; Farmer Boy gravity bins 165 bu. and 235 bu.; NI corn sheller pull-type, 2 row.

LAWN & GARDEN

Gravely w/snowblower; IHC 125, 147, 60 Cadet; Ford 165 and 75; Suzue 4 wheel drive 15 HP diesel w/mower; 14 HP Wheel Horse w/mower.

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Ford, IHC, Kubota, Woods,
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Sweigard Brothers

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Halifax, PA 17032
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Ford Tractors Equipment

FORD TRACTORS
- New TW 20 w/cab, 4wd, air
- New Ford 4610
- New 6600
- New Ford 7710 w/Sycro. Trans.

SPERRY NEW HOLLAND

NEW HOLLAND
- New TR70 Combine w/cab, air, heater, w/cat. engine and lots of extras
- 13' flotation header and cutter bar, w/hume reel
- 962 N4 corn head
- New NH harvesters - 707, 718, 782
- New L35 gas, L325, L555 diesel, skid loaders
- New 353, 358 Grinder-Mixers
- New 367 Tank Type Manure Spreader
- Used 718 Harvester w/2 heads
- Used 516 Sgl. Btr. Manure Spreader

AVCO NEW IDEA

NEW IDEA
- NI 406 rake
- NI 323 one row corn pickers
- NI 213 Manure Spreader
- NI 3 pt. Hitch Fertz. Spreaders

New Glencoe 12'9" Finishing Harrow
Used JD 340 Disc Harrow
Used IH 550 Harvester w/Windrow PU & 2R Corn Head

Complete
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FOR SALE
A C and Wisc 2 and 4 cyl power units with or without clutch reduction

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HESSTON CORPORATION

Hesston 7650 4 whl. drive SP
Fox 3310 pull type
Balzer Dump Box
NI 802 Uni w/Harvester
Auto Roller Mill-Blower

TILLAGE EQUIP.
Glenco SS9 Soil Saver, Demo
Bush Hog 1560 Soil Hog 5, 7 & 15 Shank

USED TRACTORS
Oliver 1850 w/cab
Oliver 1850 tricycle
Ford 6000 Dsl.
Farmall M
Hesston 480 D.T. w/loader
Case 1210
Case 430 w/Loader
Hydramac 8C skid loader

Used
Hesston 4800
Big Square
Baler

USED HARVESTERS
MF 750 Combine 6R & 131 Grain Head
MF 410 D Combine
701 Uni
702 Uni
727 Husker w/3RN Head
Fox Super Dw/3RN Pickup
Fox 3310
Fox 2000, 2 RN Head
Fox 2310 2 Row N & Pickup
Fox 299 80" Flail Head
IH 830 w/3 row head and pickup
NI 323 Picker, used 40 acres
Gehl 99 Blower

USED EQUIPMENT
White 5100 4 & 6 Row Planters Dry Fert & No-till
AC 4R Planter
NI 710 Combine
NI 725 3R Head
Fox Stationary Conveyor Box for silo
Kewanee 20' Field Cultivator
JD 216 Wagon, 3 btr. & roof.
Hesston 5500 Round Baler
NH 320 baler w/thrower like new
Gehl 910 Fg. Wagon, 3 btr. & roof
Bale thrower wagon
3 pt. backhoe
Hesston 1014, 12 Ft. Hydro Swing Windrower
JD 2280 diesel 14' windrower
Westfield 744 auger PTO
Hough 25B Loader
Hillsboro Gooseneck 16' Dump Trailer
EZ Trail Bin Wagon
Hesston 1400 gal. tank spreader
NI 224 10 ton Spreader
Walsh 500 gal. skid sprayer w/30' boom
29.8x38 Axle Duals for AC7040.

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For Sale - 2 row potato digger w/PTO and hydraulic, excellent condition, $450 215-286-9797.

JD #34 SINGLE ROW CORN HEAD HARVESTER W/PICKUP

NH #717 FORAGE HARVESTER W/2 ROW CORN HEAD

NH #354 GRINDER-MIXER
$3995
Excellent Condition

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Case 1830 Skid Loader
4 years old
Good Shape
$7900

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$6900

2520 JD Diesel Tractor Row Crop
2,000 Hours in Good Cond.

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FOR SALE
Deutz 10006 2 WD w/cab, heat, $8,200
IH Farmall 856 diesel, 1970, w/2600 hrs., 18.4x38 tires, good cond. $9,185
Ford series 250 PTO hay baler, $800
GT 370 350 bu grain dryer w/loading hopper & grain cleaner, $2200
Badger 1416 3 btr forage box w/roof w/Badger tandem gears, $2980
Dion 2 btr 16 forage box w/8 ton NI gears, $1600
IH 51 forage box w/330 wagon gear, 3 beater & roof, ~~$1,200~~ - $1,085
NI 272 cutditioner excellent condition $2785
Taylorway model 200 217 disc harrow, 10 w/flex bearing hangers, 22' blades, new cond., $3550
NI model 224 spreader w/hyd. gate, Gratz chain, good cond., ~~$3,600~~ - $3,400
NI 218 spreader with hyd. gate, cylinder & hoses, flotation tires, Gratz chain, good cond., ~~$3700~~ - $3,200
Dion 60 forage blower, good cond $1385
NI forage blower model 620, 54 fan, good cond $875
NI #323 1 row picker, like new, 90 acres, $4,100.
Same Falcon 4 wheel drive 49 PTO Horse Power. 325 hours New Condition, $8,800.

HEISEY FARM EQUIPMENT, INC.
RD 1 Jonestown, PA
717-865-4526

FARM EQUIPMENT

1 NH chopper 1880 3 row head. 2 trucks with Gehl boxes. 215-933-2356 after 7 PM.

For Sale - David Brown 1200, 12 speed, International 504 with fast hitch, JD 1250, 6 roll plateless planter, Oliver 17 disc grain drill, International 990, 7' haybine, all very nice. 215-562-4464.

For Rent - Liquid manure tank, 3000 gallon. Franklin Co 717-263-4471.

---

case

TRACTORS

- Case VAC
- Case 930 Tractor 'CK
- Case 995
- Case 430
- David Brown 990 w Loader
- Oliver 500
- Oliver 1755
- Oliver 1655
- White 2 105 Tractor
- Farmall M with NI 2 Row Picker
- Farmall C w/cult & Loader

LOADERS

- Case 1737 Skid Loader
- Case 1740 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer
- Dunham Lehr No 22 Loader
- Int 3200 Skid Loader

TILLAGE

- Case 6-Bot Plow 20'
- Case Disc Harrow 10
- Oliver 2 Bot Trailer Plows
- Used Cultipacker

HARVESTING EQUIPMENT

- Case 600 Combine w/3 Row Head
- NI Unisystem 702 Tractor, 710 Combine & 760 Harvester
- NI 709 Uni-System
- NI 315 Gathering Unit
- NI 737 Husking Bed
- NI 316 Husker
- NI 315 Sheller
- NI 729A Sheller
- NI 767 Super Chopper
- NI 735 Cornhead
- NI 744N Cornhead
- NI 323 1 Row Corn picker
- NI 2 Row Cornpicker
- Int Mtd Picker 2 Row
- IH 550 Harvester
- Case 300 Harvester
- NH 717 Harvester
- Gehl 1200 Harvester w/pickup and 2 row cornhead

HAY EQUIPMENT

- NH 479 Windrower
- NH 1002 Stack Wagon
- Hesston PT 10
- Hesston 1090 Windrower
- Dump Rake
- Bale Thrower Wagon
- Case Hay Rake
- NI Hay Rake
- NI 456 Round Baler

MISCELLANEOUS

- Ford 4 Row Corn Planter
- IH 400 Corn Planter 8 Row
- 8 Used Spreaders
- NI 218 Spreader

SPECIAL
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Hesston 1090
Windrower
2 Year Warranty
Demonstrator
$4,900!

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FARM EQUIPMENT

Wanted - Caterpillar blade and hydraulic setup for 7UD4 814-793-4293

JD 3010 diesel 814-793-4293

JD 720 diesel, wfe, 3 pt 814-793-4293.

David Brown 1200 Diesel w/loader, 814-793-4293

IH 856 wide front, 3 pt., original paint, 814-793-4293

Crawler Tractor Parts.

New and Used Parts Available for Cat, Allis Chalmers, IHC, Case, John Deere and others.

Rubber tired construction equipment parts available for Hough, Michigan, Galion and Cat Road Graders

Call or write for equipment & parts brochure.

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Montgomeryville, PA
18936
Phone 215-699-3533

FARM EQUIPMENT

JD #4010 diesel in good condition 717 872-4141

NI narrow 2 row corn picker Good condition $3,600 Lancaster County 717-354-6706

Ford type 6' 3 pt disc, excellent condition, $400, Schuylkill Co, 717-386-5000

Wanted - engine block for JD 3010 part #R26160R, engine #13E15320, 717-935-2573

For Sale - New Briggs and Stratton engines, 2 HP, $102, 10 HP cast iron, $350, while supplies last Beiler Engine Service, R D. #1, New Providence, PA 17560

For Sale - JD 1 row PTO potato digger, nice shape 717-687-0102

NH 45' Elevator	$1050
225 Bu. Field Tank	$250
NI 323 Picker	$2500
Mighty Mac Skid Loader	$3250
NH #33 Chopper	$950
NH 27 Blower	$550

WENTZ FARM SUPPLY
Palm, PA 215-679-7164

IT'S HARVEST TIME

New & Used Hesston 7020, 2000-150, 2000-100 Forage Choppers with 1 and 2 row Corn Heads and Pick Up Heads. NH 707, 717, 770 Choppers, Pick Up Heads for NH 717, 718, 880,890, JD 34, 35, 38, AC 780 and more; Gehl 300 Chopper w/2 heads, Gehl 72 flail chopper, Gehl 3 beater Forage Wagon w/roof USED Grove, Lamco, AC, Ford, Kasten and Dion 2 beater Forage Wagons, Hesston 10A Stack hand, Hesston 3 pt Stack Mover, Hesston Stack Processor, NEW Little Giant & Zimmerman Hay & Grain Elevators, NEW Gravity Grain Boxes plus 30 or more running gears - various sizes USED Van Dale Mixer Wagon w/scale, NH 352 & 358 Grinder Mixer Mills, GEHL Mix All, Farmhand Tub Grinder, 1 row Snapper Heads for NH & JD Forage Harvestors.

CORN PICKERS

Large Selection - NI 324 corn picker 2 row wide w/12 roll husking bed in very good condition, NI 325 2 row Picker Shellers, NI 325 Picker Husker, (6) 323 1 row Pickers, NI Cutditioners for Mulching, BUSH HOG Rotary Mowers, Woods, Servico 15 ft 3 section Batwing Rotary Mower.

USED TRACTORS

AC 7030 w/cab, 7000 w/cab, 190XT w/cab, 200, 180D, 175D, D17, D19, Gas & Diesel, D15, B, WD 45, JD 2640, 3020D, 4230 w/Power Shift, 40M w/mower, 4020 Diesel, A, B w/cultivator, IHC 806, 706D, 656, 544, 504, M, 364 Diesel, H, 230, Super C, A, 154 w/mower, CUBS, Cub Cadets, MF 265, 175, 165, 135, 65, 30 FORD 8N w/side Mower, 800, 600, 5000 D, 4000 Gas, 8N, 4000 w/loader, 2000 w/loader

INDUSTRIAL & TRACTOR LOADERS

Tractor Loader Backhoes- JD 500C, AC 715, JD 350 dozer w/6 way blade, JD 1020 w/loader, (2) AC 655 Crawler Loaders, One w/winch, TROJAN 204 A Loader w/cab, Rear Steering, JD 440A Gear & Power Shift Log Skidders, GREAT BEND 666 Manure Loader, JD 401A Loader w/cab & 3 pt. Hitch, IHC 3444 Loader w/3 pt, IHC 2050 w/loader, ROYER Top Soil Processor, AC H3 Crawler w/6 way Hydro Blade, BOBCAT 600 Gas, 611 Diesel, CASE 850 Dozer, AC "D" Grader.

MISCELLANEOUS

Ford Power Unit, Large GMC Diesel Power Unit w/PTO Clutch, Large Supply of Utility Trailers, Mowers-both Rotary & Sickle Bar, Field Sprayers, Planters, IHC 2 row PTO Potato Diggers - Choice of Two, New 1 row 3 pt Potato Diggers, IHC 1 row Potato Digger, Brillion Cultipacker Seeder, Plus wide Selection of Other Farm Equipment

Call Us for Your Needs

MECHANIC SPECIAL
AC "C" w/mower
w/snow plow & tire chains
$995

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5 Miles East of Honesdale, Pa
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FARM EQUIPMENT

TRACTORS

Case 930 Dsl, WFE
MF 175D 8 speed
MF 135G
JD 1520 Diesel
JD 2010G
AC D17, PS
AC D15 Series II
Farmall Cub w/mower
Farmall M, power steering
Farmall 504 3 pt.
Ford 9700 Dual Power
Ford 8000 Tractor
Ford 7000 Fully Equip.
Ford 5000 D
Ford 4000, live PTO
Ford 3000 8 Speed
David Brown 1200
David Brown 780
Satoh Elk w/mower
NI 310 cornpicker
NI 323 cornpicker
JD 18' wing disc
MF 33 Grain Drill
NI 206 Spreader
NI 216 Spreader
JD #25 Combine
MF 6' Rotary Cutter
NI 402 rake
NH Flail Chopper

TRACTORS & LOADERS

Ford NAA w/3 pt.
Ford 4000 w/3 pt.
(2) 3400 3 pt.
Satoh 650 PS
HD Ford 4000 w/backhoe
Ford 9N
Ford CL40 skid loader
Ford 801 backhoe

KELLER'S FARM MACHINERY, INC.
116 Richlandtown Pike
Quakertown, PA 18951
215-536-4046

DEUTZ

USED TRACTORS & EQUIPT. IN STOCK

Used Deutz D 8006, 85 HP, cab & duals, clean 1240 hrs., $9900
Used D5506, 57 h p
Used JD 4020 Diesel wide front end
Deutz Fahr Baler, high capacity machine 14 x 18 Chamber, 65 pickup
Used Hay Tedder Vicon 10
MF 128 T baler/thrower wide pick up, shur tie knotter
John Deere 480 mower conditioner

NEW TRACTORS & EQUIPT. IN STOCK

D5207 Deutz tractor, 52 h p.
D6207 Deutz tractor, 62 h p
D6807 Deutz Tractor, 68 h p
D7807 Deutz tractor, 74 h p
DX 120 Deutz tractor 111 h p, w/4 post safety frame
Leon 636 heavy duty front end loader, fits Deutz tractors
Deutz Fahr KH300 9 8 Hay Tedder
Deutz Fahr KS85 Hay Rake
Custom built diesel Gen Sets made to order
New & Used Deutz diesel engines at special prices Call for details
New Deutz F2L 912 diesel engines 20 32 H P electric start

STAUFFER DIESEL, INC.
312 West Main Street
New Holland, PA
PHONE 717-354-4181

Stauffer Diesel Inc.
312 West Main Street
New Holland, PA
PHONE 717-354-4181

FARM EQUIPMENT

AC 7000 Dsl. Tractor
AC 540 Tractor
AC 200 Tractor w/Cab
AC 185 Tractor
AC 160 Dsl. Tractor w/ Loader
AC 160 Tractor
AC C Tractor & Cultivator
NH 324-327 Corn Picker
OMC #83 Grinder Mixer
8C Hydra-Mac Skid Loader

ROY H. BUCH INC.
Ephrata
717-859-2441

Polyglass Tanks
Vertical,
Horizontal,
Cone Bottom
65 gallon to
5600 gallon sizes
Lower Prices.
Early Order
Discounts.
1600 gallon tank,
$657
3 or more 1600
gallon tanks,
$629 each

THOMAS BACHMAN & SONS
2501 Fallston Road
Fallston, MD

301-557-7529
301-836-6877

Ford
Tractors Equipment
SPERRY NEW HOLLAND

TRACTORS

Ford 9700 w/cab
Ford 7000 Tricycle
Ford TW10, 1200 hrs. no cab
Ford 8000
Ford 1500 w/Ag-Tech Loader, 306 hrs.
Ford 8N
Ford 445 Backhoe Loader
Ford 535 Tractor/Loader/Backhoe
Ford 4500 Backhoe Loader
IH 1466
Case DC
Satoh 650 w/loader
AC WD w/mid mount mower
AC D17
900 SOS Diesel
900 SOS Gas
JD 1020 w/145 Loader

EQUIPMENT

IH 315 Combine 3 R Narrow Head & 11' Grain Head
IH 830 Fg. harvester, Corn & Hay Heads
JD 20' Harrow on wheels
IH #14 Rake
Bearcat #72 Flail Chopper
NH #36 Flail Chopper
IH #27 Baler w/#10 Thrower
NH 1010 Bale Wagon
Lanco 14' Fg. Wagon 3 btr. Running gear & box.
Ford 9 tooth Soil Saver
NH 516 sgl. btr. spreader
Lawn & Garden Tractors w/Mowers & Snow Blowers

CHARLES S. SNYDER INC.
RD3 Tamaqua, PA
18252
Phone: 717-386-5945

SMITH'S IMPLEMENTS, INC.

Mercersburg, PA **717-328-2244**

USED MACHINERY

JD 5720 Harvester, 2 yrs. old., 645 hrs. real nice	$48,000.00
IH 715 Diesel Combine 283 hrs., 13' Platform & 4 row Corn Head (real nice)	$19,500.00
JD 2840 Tractor Cab + Air, 1255 Hrs., New Radial Tires	$15,000.00
Ford 8000 Diesel Tractor (nice)	$11,000.00
7000 JD 4 Row Dry No-Till Planter	$6,000.00
7000 JD 4 Row Dry Planter	$4,500.00
1440 JD 4 Row Dry No-Till Planter	$3,200.00
JD 336 Baler w/30 Ejector (like new)	$4,200.00
640 Rake w/New Teeth	$1,000.00

Plus Several Good Disks & Plows
To Choose From

Dismantling Combines for parts
over 200 all makes and models.
Call before you come.

IH 64, 76, 80, 82, 125, 127, 141, 101, 151, 91, 93, 203, 303, 403, 503, 205 & 815. JD 12 A, 25, 30, 40, 45, 55, 95, 105. AC 60, 66, Gleaner A, C, CII, E or L. MF Clipper, 26, 27, 70, 80, 90, 72, 82, 92, 35, 300, 410 & 510. Oliver 33, 35, 40, 430, 525 & 545. Ford SP & pull. 701 NI Uni tractor, NI Uni - 705D (ear corn unit), combine & shellers, Case 800 & 660, 600.

COMBINES

IH 80 pull type auger feed, $1500, Sharp
JD 6600, cab & grain head, $13,500
JD 3300, cab & grain head, $11,500
IH 205 w/10' grain head, 2R corn
IH 105, cab, grain & 2 row corn, $2500
Gleaner E 10' grain and 2R cornhead
Gleaner A2 w/cab & grain head & corn head
NH 985 cab with quick-tach grain head
JD 30 auger feed, $550
JD 95 Diesel w/cab & 4 row 30" corn head
MF 300, cab, 13' grain head, 2 row corn head, $3500

TRACTORS

IH 560, fully equipped
Oliver 70 w/loader, $500
Oliver 70, $475
AC C tires, like new
Massey 44 wide front end
Massey 101 w/WF, $500
Late JD A w/hydraulics
530 Case Backhoe
Oliver Super 77 w/hyd.
JD 60 w/live PTO, $1050
IH 856 Diesel, 3 pt., $6550
IH 706 Diesel, 3 pt., $3900
IH Super M
VAC Case, 3 pt., hydraulics
Ford 9N with 3 pt., $1000
Oliver 77 gas, $675

TILLAGE

JD 13 hoe drill, $775
JD 1450 6 btm. 16" plow, $1750
3-IH 10' & 12' wheel discs
2-IH drag disc
12' Brillion roller harrow
10' transport roller harrow

MISC.

2 sets of 18x38 rear tractor, dual wheels
New Zimmerman 32' elevator, $1450
NI 300 2 Row Pull Picker, $750
#7 NI Picker
JD 4 row 30" corn head, fits 95 combine
IH 105 grinder mixer, $1100
NI 2 row corn head
IH 4 row 430 for 503
IH loader for H or M, $185
Sauder loader, $100
3 Gleaner C2 4 row cornheads, $775 each
IH 2 row corn heads fits 105, 203, 205, 315, 93 & 91
JD 3 btm. 14" trailer plow, $150
3 pt. Hesston round balemover, $450
Dump trailer will haul 12 T shelled corn, suitable for tractors 100 HP or over
IH PTO spreader, $375
JD unloading wagon
JD 1450, 6 btm., 16" plow, on land hitch, $1575
4 Wood Brothers corn pickers, $250 to $500

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts

JD 2010, 70D, 4010, IH 560 D, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M. JD A, B, 50 & 60. AC WD, WC, D17. Oliver 70 & 77. Ford 8N, Ford 6000D. Case SC & V.A.C., DC. Massey 44D, 333, 30, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler. JD 70 G. Oliver crawler, 2 Oliver crawler loaders.

Dismantling 50 pickers for parts

KEITER'S FARM MACHINERY
R.D. #1 Halifax, PA 17032 Rt. 225 20 mi. north of Hbg.
Phone: 717-362-9574

FARM EQUIPMENT

IH 3400 Backhoe Loader. 717-933-5734.

JD 4020 Diesel, power shift, wide front, nice cond., also cab to fit 4020. 717-532-7054.

JD Model B tractor. Rough but runs, $225. McCormick disc, $65. 200 bales timothy/clover hay. $1.50 per bale. 717-632-6014.

Cat 933G Loader; Farmall Cub w/belly mower; IH 500E Crawler Loader w/ROPS, 250 hrs., like new. 717-933-5734.

FARM EQUIPMENT

JD 4020 power shift, dual hydraulics. 814-793-4293.

IHC 966 w/cab, excellent condition, low hours. 814-793-4293.

Oliver gas wheel loader, $2500.
DENNIS M. MILLER
Rt. 22 Grantville, PA
717-833-1888 anytime
717-469-0937 daily

MF 1080 diesel, wide front, multi-power, dual hydraulics. 814-793-4293.

FOR SALE

Auto turn carts and five angle scrapers
Reassemble with two bolts
Scrapers $175
Carts $285 with brake
Carts $245 without

Scraper good for barn yards, stones & snow

CASH DISCOUNTS

$10.00 OFF SCRAPERS

$15.00 OFF CARTS

Plus FREE Yoke good thru Sept. & Oct.

SAMUEL F. STOLTZFUS
RD #1 Box 199
Christiana, Pa.
17509

FARM EQUIPMENT

SHULER EQUIPMENT SALES
RD #1 Box 228
Shuler Road
Shermansdale, Pa. 17090
717-582-4365 anytime

ACRES OF USED AND RECONDITIONED FARM EQUIPMENT AND TRACTORS
Also
ACRES OF USED EQUIPMENT AND TRACTOR PARTS

WE WILL BUY OR TRADE YOUR USED EQUIPMENT IN ANY CONDITION

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AGTRON
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Interstate Industrial Plaza
RD 5, York, PA 17402
717-767-6510

M.M. WEAVER & SON, INC.

MF Massey Ferguson

Leola, PA 17540 (717) 656-2321

Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

USED COMBINES

1980 MF 760 V8, 15 ft Grain & 1163 Corn Head	$62,000
1976 MF 750 4 wheel drive, 6 row, 4 row corn head and 15 ft floating grain table	$39,000
1977 MF 750 Hydro with grain saver	$29,000
1977 MF 510 Hydro cab w/air condition	$19,000
1976 MF 750 gear	$26,000
1976 MF 750 hydro	$19,500
1976 MF 750 hydro with straw chopper	$29,000
1975 MF 510 gear air conditioned cab	$19,000
1975 MF 750 hydro	$22,000
1975 MF 750 gear with grain saver	$26,000
1975 MF 760 hydro	$26,000
1975 MF 760 hydro V8	$29,000
1974 MF 760 hydro	$25,000
1973 MF 760 hydro	$24,500
1972 MF 510 gear with cab	$12,500
1972 MF 510 gear with cab	$10,500
1972 MF 300 gas with cab	$10,500
1971 MF 410 gas with cab	$8,500
1971 MF 410 diesel with cab	$8,500
1972 MF 510 diesel with cab	$8,500
1971 MF 510 diesel with cab	$12,500
1972 MF 510 diesel with cab	$12,000
1972 MF 510 diesel with cab	$12,500
1969 MF 510 diesel with cab	$12,500
1968 MF 510 diesel with cab	$10,000
1968 MF 510 diesel with cab	$15,000
1968 MF 510 diesel with cab	$13,500
1967 MF 410 diesel with cab	$6,500
MF 300 gas	$3,500
IH 303 w/corn & grain head	$3,000
Gleaner "A" gas	$2,000
JD 45	$2,100

Above Combines Include Grain Tables Less Corn Heads

Three 10 ft; four 13 ft, six 14 ft, eight 15 ft, five 16 ft Grain Heads

Nine 2 row 38", fifteen 4 row 38", six 4 row 30", eleven 6 row 30", two 8 row 30" Corn Heads

USED TRACTORS

MF 2705	$24,500
MF 285 (Demo)	$16,500
MF 35 Dsl	$2,500
MF 65 Dsl w/loader	$2,800
MF 178	$3,900
IH 1456	$9,500
MF 165 on steel	$3,500
MF 1155	$10,500
MF 4840	$58,000

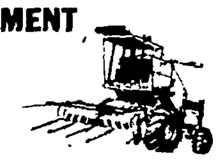
USED EQUIPMENT

MF 730 Disc	$4,750
Badger Forage Wagon	$1,100
Danuser Log Splitter	$675
Danuser Post Driver	$1,300
MF 200 Harvester	$2,900
NI Corn Picker Sheller, 2R 30" pull type	$6,250
NH 271 Baler w/thrower	$1,800
Stoltzfus 5 ton Wet Lime Spreader	$3,500
JD 216 Plow	$1,750
NH Super 717 Harvester	$950
IH Fast Hitch 3x14	$400
AC 18' Fold Wing Disc	$1,500
Ez-Flow Gravity Box w/wagon	$880
MC 9E Rotary Scythe	$3,900

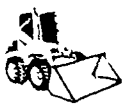
SPECIAL

New MF 2805 Diesel Tractor, 190 HP, 24 Speed, Air Conditioned, Cab & Heater, 20.8x38 Axle Mounted Duals
List Price $69,277
Less Special Discount $20,000
$49,277

USED EQUIPMENT



NH 1895 SP
FORAGE HARVESTER
Cab & Air,
Cat Power Unit
12 Double Edge
Underbeveled Knives, Metal detector base unit with 3RN Low-profile Head.................. $32,500
NH 880 Windrow Pickup Head ... $950
NH 880 R2 Crop Heads



NH L-325 Skid Steer Loader w/54" bucket
$6,500

Ford 40 h p. Skid Steer Loader, Ex. cond., only 1100 hrs, Trms	$6250
NH 367 Flail Spreader.. ...	$1890
NH 328 138 bu. Spreader 2 btr .	$1475
NH 273 PTO Baler, Ld. Chute.. .	$1475
Ford 250 PTO Baler.... . .	$350
Ejector for JD 247 Baler	$200
Special NH L-35 (Rental) Skid Loader Large Frame Limited Time	$9,200
Special 3000 (Rental) gal liquid Tank Spreader w/ejectors	

AUTHORIZED

SPERRY NEW HOLLAND

PARTS and SERVICE

STARLINE VANDALE
ROY A.
BRUBAKER
SALES ★ SERVICE

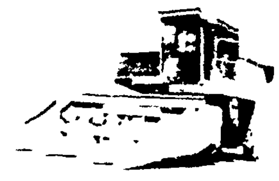
Phone: 717-626-7766 or 626-1859
700 Woodcrest Avenue, RD3, Lititz, PA

USED BELTING MATERIAL RUBBER MATS FOR

Comfort stalls, Free Stalls
Horse Stalls, Horse and Cattle Trailers, Hog Houses

Paul N. Brubacher
215-286-5298

MF
Massey Ferguson



NEW EQUIPMENT IN STOCK

- MF 240 8 speed tractor
- MF 220 baler
- MF 224 baler
- MF 212 bale thrower
- MF 860 diesel combine, hydro
- MF 1144 corn head
- MF 1163 corn head

USED EQUIPMENT

- MF 2675 diesel tractor
- MF 285 diesel tractor
- MF 510 combine
- MF 760 combine w/6 row corn head & 16' grain table
- MF 750 combine w/63C corn head & 14' grain table
- MF 236 Ag loader

Renting skid steer loaders.
Radio Dispatched Service

ABRACZINSKAS
Farm Equipment, Inc.
RD1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

MF
Massey Ferguson

SPERRY NEW HOLLAND

Tractors

MF 285, 8 spd.
AC WD

Tillage

Case 5B Semi-Mtd Plow
JD 4 x 16 Plow
JD 12' Tandem Disc
(2) Drag Harrows
Brillion 24' Field Harrow
Ford 27' Field Cultivator

Hay Equipment

Fox 2000 Harvester w/2 heads
Gehl 16' Fg. Box
NH 16' Fg. Box
AC 390 Mower cond.
Ferguson 3 pt. Mower
NH 271 Baler w/thrower
IH 37 Baler w/thrower
MF Model 3 Baler w/thrower
AC 303 Baler w/thrower
AC Hay Rake
MF 3 pt. Hay Rake
NH 36 Crop Chopper

Miscellaneous

Imco 6' Rotary Mower
MF 468 4R Planter
NH L-35 Skid Steer Loader
Gehl 2600 Skid Steer Loader
NI 214 Manure Spreader
MF 1450 Tractor w|8" Mower
Bolens G11XL Tractor w/42" Mower
Case Uniloader w/Bucket & Fork
Gehl #65 Grinder-Mixer

MARLIN SCHREFFLER
Pitman, PA
717-648-1120

TRACTORS FOR SALE

- Farmall 340 Diesel completely remodeled motor and TA. Wide Front available
- 37 JD B fresh paint and new tires
- JD H with cultivators and plows, hydraulics, electric start, new paint, good rubber
- IH 403 combine with cab, 3 row wide corn head, 13' grain platform with pickup reel.

717-464-2874

PUMPS

IRRIGATION - WASTE MANURE FIRE INDUSTRIAL

NEW & USED

Parts & Service

Gorman-Rupp, Hale, Berkeley, Marlow, CMC

PVC PLASTIC PIPE

REYNOLDS ALUMINUM PIPE

Irrigation, Repairs & Gaskets for:
RACE, WOSCO, WADE, IRRECO, CHAMPION, SHUR-RANE, McDOWELL, RAINBOW, A-M AND OTHERS

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MURPHY SAFETY PUMP CONTROLS

"We Deal in Solutions"

EECO, INC.
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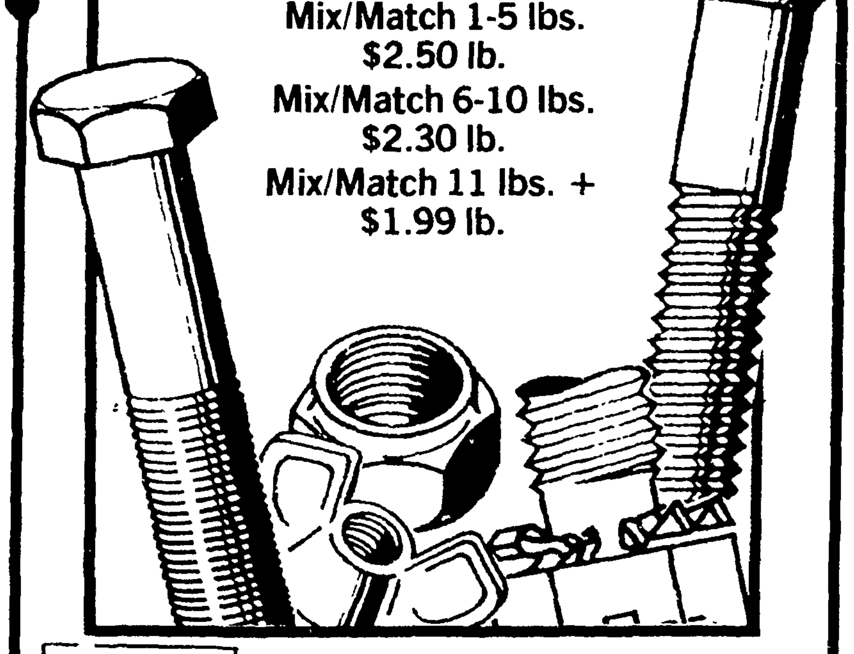
Retail TIPS
To Increase Parts Sales

HARDWARE BY THE POUND

Mix/Match 1-5 lbs.
$2.50 lb.
Mix/Match 6-10 lbs.
$2.30 lb.
Mix/Match 11 lbs. +
$1.99 lb.



MF
Massey Ferguson
Parts Division

M.M. Weaver & Son, Inc.
Leola, PA 17540 (717) 656-2321
Located: 4 miles West of New Holland on Rt. 23, 1½ miles Northeast of Leola on the North Groffdale Rd., 1 mile on the right, opposite Groffdale Mennonite Church.

Introducing The New MF 7555 & MF 7655 High Pressure Washers

New Outside • Completely Redesigned

A Removable 2½ gal detergent container
Holds a convenient amount of cleaning chemical. Accessory containers allow easy switching from one chemical to another

B Adjustable chemical metering
The new Trimere valve not only turns the chemical flow on and off, it also lets the operator chose the exact ratio of detergent that is right for the job by simply turning the cap

C Trigger operated control gun with safety lock
Puts operator [illegible] complete [illegible] Safety [illegible] unauthorized use

D Injection molded polypropylene case top and bottom
Extremely durable, resists breakage under extreme conditions. The case is so strong there is [illegible] for a metal frame. The motor pump [illegible] place by [illegible] ribs [illegible] the case assembly. The water break tank [illegible] into the case bottom

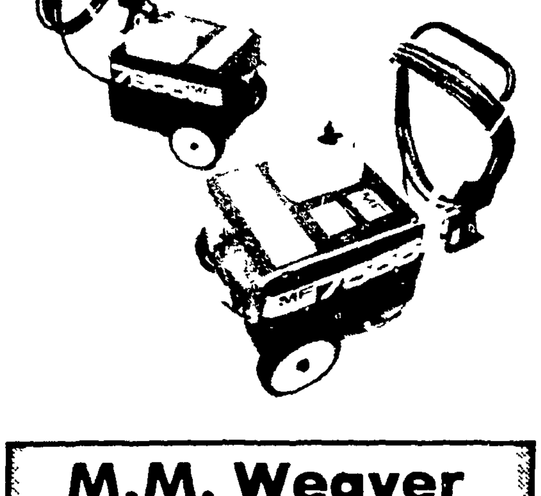
And Inside

A Improved internal waterbreak valve
The internal waterbreak valve prevents co[illegible] from entering the water supply system. The new more buoyant float and plastic pin insures positive shut off

B New relief valve design
The most reliable relief valve yet. Can be adjusted while machine is running. New plunger design insures [illegible] seating

C Unitized motor/pump combination
Combines the pump and motor shaft [illegible] eliminates the need for 2 main bearings [illegible]. Eccentric bearing is a sealed double [illegible] long life. Unitized means simple service

MF
Massey Ferguson



MF 7555	MF 7655
List $437.00	List $537.00
SALE	SALE
$371.45	**$456.45**

Model Number	MF 7555 (New)	MF7655 (New)
Nozzle Pressure	[illegible] 550 PSI	[illegible] PSI
Gallons Per Minute	[illegible]	[illegible]
Wash Time	[illegible]	[illegible]
Concentrate Capacity	[illegible] gal	[illegible]
Spray Pattern	40	[illegible]
Horsepower	[illegible]	[illegible]
Switch Voltage	[illegible]	[illegible]
Front Support	[illegible] Alum Legs	[illegible] Legs
Handle	Insulated	Insulated
Wheel Size	[illegible]	[illegible]
Electric Cord	25 ft	25 ft
Hose Size	[illegible] in x 20 ft	[illegible] in x 24 ft
Gun Type	Safe-T Gun [illegible]	Safe-T Gun [illegible]
Detergent Adjustment	Yes	Yes
Shipping Weight	53 lbs [illegible]	60 lbs [illegible]

M.M. Weaver & Son, Inc.
Leola, PA 17540
(717) 656-2321

Located 4 miles West of New Holland on Rt 23 1½ miles Northeast of Leola on the North Groffdale Rd. 1 mi on the right opposite Groffdale Mennonite Church

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

Ford 7,000 Diesel with 18.34 tires with Ford 772 QT Loader
NH 315 Baler w/#70 Thrower
2-310 NI Picker
NI #324 WR Picker w/327-12 Roll Bed
1977 JD 2440 Diesel 60 HP. 15.5-38 Tires
JD 4320 Diesel
NH 28 Blower
NI 2 RN-12 Roll Bed Picker
1964 JD 4020 Diesel, PS
1977 IH 1486 w/TA & 18.4x38 tires
JD Cab Fits 4020
1 Row Snapper Head for 770 Harvester
NH 851 Round Baler
Oliver 1750 Diesel w/over & under shift.
NH 770 Harvester w/2 Row Wide Head
JD 750 Mixer w/hyd. & 1000 RPM
NH 353 Mixer w/chute & 14' auger
NH #25 Whirl-a-Feed Blower
NH 320 Baler w/#58 thrower

Horning's Farm Machinery
Ephrata, PA
717-733-7408

VERMEER HEDLUND MARTIN INC. Vicon

NEW EQUIPMENT

- Vermeer 605H Baler
- Vermeer 504G Baler, Demo
- Vermeer & Scranton Bale Movers
- (2) Vicon 600 lb. spreaders
- (3) Vicon 950 lb. spreaders
- (1) Vicon 1900 lb. Fert. Spreader
- (1) Vicon 2400 lb. trailer type spreader
- (1) Vicon 15' Power Harrow
- (1) Vicon RP 1200 Round Baler
- (1) New Vicon RP 1210 round baler
- (1) Vicon SP450 Square Baler w/Thrower
- (1) RC 330 tedder rake
- (1) RS 600T Star tedder
- (1) Vicon 8' Mower Conditioner
- (1) Vicon 5½ ft. Mower Model CM165
- Haybuster 1068 Semi-Mounted No-Till Drill
- Martin 1263 Scavenger II Spreader

USED EQUIPMENT

- Vicon 10' Power Harrow
- Farm System Flail Spreader, Left Side Loading
- Hesston 12' Hydro Swing Haybine
- Pequea Hay Tedder

Special Of The Week
VERMEER MODEL 504
SUPER G BALER
Set Up For
Corn Fodder List ~~$9828~~ **$8800**

RED WING FARMS

R.D. #1, FLEETWOOD, PA. 19522
NEW PHONE NUMBER: 215-944-0402

USED TRACTORS

JD 4630, cab, air, power shift, exc. cond.
JD 4430, cab, air, quad range trans.
JD 4430, power shift, roll guard
JD 4320, no cab
JD 4520, new tires
JD 4230 w/rollguard
JD 4020
JD 4020, power shift
JD 2940 w/rollguard 500 hrs.
JD 2640 w/700 hrs.
JD 2020 diesel
JD 3020 gas
JD 3020 Diesel, Syncro
JD 4010 diesel
JD 720 diesel electric start
JD 3020 diesel, power shift
IH 966, cab and air
IH 1466 w/cab
IH 1256 w/cab
JD 757 gas w/cab
IH 656 wide front
IH 574 w/loader
IH 2400 w/loader
Ford 9600
Ford 5000 diesel, late model
AC 7030 w/cab, real nice
AC 7030
AC 5040 diesel, PS, 3 pt. hitch
AC 210 diesel
White 4-180 w/duals, quick coupler, used 2000 hours.

USED COMBINES

JD 7700 diesel w/6 row corn head
JD 55 corn special
JD 6600 Diesel
JD 4400 w/4R cornhead
JD 4400 diesel
Oliver 525 w/2 heads, exc. cond.
NI 702 tractor w/710 combine

USED HARVESTERS

Fox 2 row snapper head
Used Moridge grain dryer
Fox 2000
Fox Custom 90
NH 770 w/2 heads

MISCELLANEOUS

Fox 2 row snapper head
Used Moridge grain dryer
1973 Chevy w/22' Jer-dan body, exc. cond.
1971 Ford LN 8000, w/Schwartz 26' rollback body, 5 sp., trans., 2 sp. rear, Cat diesel engine.
1980 Chevy tandem w/26' Jer-dan rollback, like new
JD power till grain drill
IH 510 grain drill
IH Bigroll baler
JD 346 wire baler w/thrower
NH 278 baler
Keewanne 20' hydraulic fold disc
JD 21' hydraulic fold disc
Large selection of smaller discs
Large selection of plows from 3 to 7 bottom
Gehl 2600 skid steer loader, used 800 hours
Gehl 9' haybine
NH 469 haybine
New Farmhand loaders for IH and JD tractors

D & R EQUIPMENT INC.

Ringoes, New Jersey (201) 782-5082

NEW IDEA EQUIPMENT

New Idea Model #352 spreader, 220 bushel, upper beater, hydraulic end gate, front extension, 10-20 recapped tires, List price $7,016.

Introductory special sale 1st unit. October only $5,825.

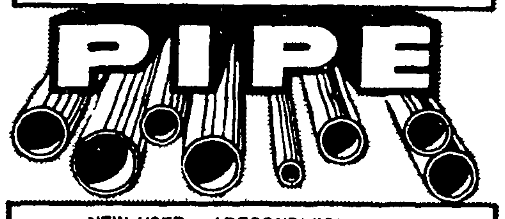
Thanks to Robert Hudler of Far View Farms for purchasing our 1st New Idea Unit. Thanks to U.G. McCoy for purchasing our 1st New Idea parts.

AVCO NEW IDEA

BIGGS, INC.
34 Buckley Ave.
Rising Sun, MD 21911
301-658-5531

H. SCHWARTZ & SONS, INC.

NOW SERVING THE STATE OF DELAWARE DIRECTLY FROM WILMINGTON!



NEW, USED and RECONDITIONED PIPE
STANDARD - EXTRA & DOUBLE EXTRA HEAVY - ALL SCHEDULES - ALL TYPES FABRICATION - THREADING CUTTING — WELDING
121 SO. MARKET ST. - WILMINGTON 19801
302-656-0276 or 215-DE1-4240

USED EQUIPMENT

TRACTORS
AC 7080 Cab-Air-Heat
Case 1370 Cab-Air-Heat 24.5x32 Radio
Case 1090 18.4x38 (New) Power Shift
Case 1170 Cab-Heat 8 Spd. 20.8x38
Case 900 w/Pulley
Case 2090 Cab
Oliver 770D

LOADERS
Uni Loader Broom
1845 G
Hough Wheel Loader
White Backhoe
MF 20C Tractor Loader
Case 1830 Uni-loader
Mustang 330 Skid Steer

FORAGE
Stauffer Forage Box
Fox HA Harvester
JD 3800 Harvester
Hesston Blower
JD 115 Forage Box
Farmhand Rake

NEW IDEA
206 Spreaders
325/314 Picker Sheller
323 Pickers
214 Spreader
325/327 Pickers

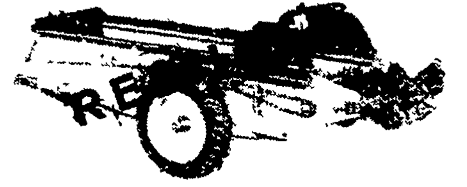
MISCELLANEOUS
Case 12' Disc Harrow
NH 371 Flail Spreader
Wetmore 878 Grinder Mixer
Bush Hog 12' disc
JD 54 Spreader
Case 1800 Chisel

UNI-SYSTEM
702 G Power Unit
702 D Power Unit
710 Combine
743 N Head
767 Harvester
738 4RN Head

Waiver of Finance - Used Tractors - Dec. 1, 1983

8.8% Financing on Used Tractors

206 Ground Drive Spreaders In Stock



A.L. HERR & BRO.

PARK AVE., QUARRYVILLE, PA 17566 PHONE: 717-786-3521

case NEW IDEA GEHL Gets into your system BUSH-HOG

CHAMBERSBURG FARM SERVICE, INC. GMC
975 S. Main St. Chambersburg, PA
Badger (717) 264-3533 (717) 597-8811 (717) 532-8800 AVCO NEW IDEA

USED TRACTORS

IH B
IH 826 w/ROPS
IH 340
IH 656 Dsl
IH 2500 Industrial w/Loader
IH 706
IH 200 Farmall
IH 756 Diesel
IH 806 w/new TA
IH 1066 w/cab, 2050 hrs.
IH 504 w/NI Loader
JD 620
JD 70 Skid Loader
JD LA w/mower & cultivators
#10 Hydra-Mac Skid Loader
1976 Chevy C60 Truck w/18' Bed, 350 Engine, 57,000 Miles
Case 830
Ford 3400 Dsl w/Loader
JD 4020 Tractor
Farmall M

TILLAGE EQUIPMENT

IH 710 4x16 Plow Reset
IH 720 5B 20" Plow
IH 700 5x16 reset Plow
Oliver 3x14 3 pt Plow
Case 4x16 Reset Plow
JD 5x16 Reset Plow
JD 4x16 Reset Plow
Case 8' Disc Offset
IH 19B Disc
IH 9A 9' Disc
Kewanee 13'6" Wheel Disc
Athens 7' Chisel Plow
Athens #131 13' Disc
Athens #131 11'6" Disc
JD KBA 12' Disc
IH 53 4 Row Cultivator
Niemeyer Power Harrow
JD 950 12' Packer Mulcher
Anderson Stone Picker
IH 450 3x16 Plow
IH #55 13' Chisel Plow

HARVESTERS

Fox 546 Fg Harvester
Fox 249 Snapper Head
Fox 1000 Fg. Harvester
Fox 2RN Belt Corn Head
NH #818 Fg Harvester
IH 555 Fg Harvester
Brady 608 Flail Chopper
JD 38 w/2RW Head
JD 38 w/2RN Head

COMBINES

IH 915 Combine w/6R Corn Head
IH 715 Combine w/4R Corn Head
IH 205 Combine w/13' Platform
IH 843 4 Row N Corn Head
IH 76 Combine
IH 303 Combine w/13' Platform
Case 660 Combine
Oliver #40 Combine

HAY EQUIPMENT

IH 47 Baler w/Thrower
IH 990 9' Windrower
IH 225 SP Windrower
Hesston 320 AP 9' Windrower
NH 27 Blower
IH 56 Blower
Fox Blower
IH 990 7' Windrower
NH #46 7' Mower
NH 66 Baler
NI 272 Cut/ditioner
Case 555 Windrower
JD 3 pt. hitch 7' mower

SPECIAL
IH #10 FLAIL CHOPPER
$4,696

MISCELLANEOUS

3 pt Stack Mover
Jamesway 60' Belt Feeder
KW Loader for IH 284
Boyhill 300 gal Sprayer
Hesston #10 Stacker
Better Bilt 12' Manure Pump
Demco 500 gal Sprayer
IH 1150 Grinder-Mixer
Zimmerman 40' Elevator
Zimmerman 36' Elevator
Mayrath 34' Elevator
Harson 200 gal. sprayer
Badger 24' Silo Unloader
Silo-Matic 24' Silo Unloader
Badger 16' Silo Unloader
NI 12' Fert Spreader
Stone Picker

WAGONS

VanDale 185 Mixer w/Scales
Coby 4000 14' 3 btr
Grove L528 Running Gear
Grove 16' 3 btr., roof
Grove 14' 2 btr.
NH Fg Wagon

SPREADERS

NI 224 Manure Spreader
NI 218 Manure Spreader
NI 214 Manure Spreader
NI 213 Manure Spreader
NI 212 Manure Spreader
NI 206 gr dr. Spreader
Hawk Bilt 205
Badger 3000 gal Liq Tank
Badger 1000 gal. Vac Tank
Hawk Bilt 357 Spreader
Hawk Bilt 207 Spreader
IH 595 Spreader
IH 575 Spreader
Clay 1500 gal. Manure Tank

NEW IDEA UNI EQUIPMENT

NI 702 Dsl Uni.
840 Feeder House
818 Combine
767 Super Chopper
713S Platform
744N 4 Row Corn Head
844W 4 Row Corn Head
770 Ear corn Adaptor
710 Combine
324 Picker w/12 roll bed
NI 311 2R Wide Corn Picker
NI #330 3RN picker

GRAIN DRILLS

JD 13x7 Grain Drill
JD 17x7 Grain Drill
Oliver 10x7 Grain Drill
Oliver 17x7 Grain Drill
IH 13x7 Grain Drill

Coming In
IH 1250 Grinder-Mixer
Fox 2200 Harvester w/2 Row Head
Farmall H Tractor

USED TRACTORS

- * IH Super AV w/cultivators
- * Ford 3600 Diesel, 1100 hrs.
- * AC 190 XT Dsl.
- * AC 5040 Diesel
- * JD 2440, 844 h SOLD

USED HAY AND FORAGE EQUIPMENT

- * JD 336 Baler w/Kicker
- * JD 3800 Fg. Harvester w/2 row wide corn head

USED TILLAGE

- * JD 7000 12 Row Front Folding Planter
- * JD 7000 6R 30" Planter
- * JD 1240 Plate Planter w/Fert., Insecticide, Monitor
- * Oliver 10' Drill w/grass seed
- * JD 400 Rotary Hoe 20'
- * Oliver 10' Disc
- * JD 210 Disc 12' 10"
- * Brillion 16' Packer w/Transport
- * Ford 24' Disc

USED COMBINES

- * JD 7700 Hydro Rotary Screen
- * JD 16' Rigid Platform
- * JD 220 Flex Platform, like new

MISCELLANEOUS

- * 16.9x28 Duals
- * G.E. Electrack Mower
- * JD 214 14 h.p.
- * JD 212 12 h.p. Mower
- * JD 57 Rider
- * AC B112 12 h.p. Mower

We Cater To ALL Farmers, BIG or Small

JOHN DEERE

Cooper Ent., Inc.

Box 12 Cecilton, Md. 21913
301-275-2195 301-648-5416
301-755-6608

Evenings Call Gary
301-885-2248
or Billy 778-6024

New IH White Tag Specials One of a kind prices on the following until the end of October.

Some of these prices are below dealer net.

	List Price	Sale Price
56 blower	$3,350	**$2,450**
600 blower	3,800	**3,200**
781 forage harvester, 2 row head	15,189	**10,600**
1190 7' mower conditioner	8,575	**6,320**
1190 9' mower conditioner	10,119	**7,500**
445 baler and 15 thrower	13,095.50	**10,500**
5500 chisel 7'	1,964	**1,575**
5500 chisel 13'	3,687	**2,900**
420 plow, 2-16	1,765	**985**
510 plow, 4-16	5,810	**3,750**
350 disc 10'3"	5,008	**3,700**
475 disc 11'6"	6,143.50	**4,390**
415 packer mulcher 12'2"	6,811	**4,480**
5100 garin drill 18x7, grass seed, soybean special	7,724	**6,250**
800 plate planter, 6 row, fertilizer, insecticide	14,556.50	**9,750**
800 plate planter, 4 row, no-till insecticide	10,432	**6,750**
5088 tractor, 135 HP, full cab, radial tires	56,000	**38,950**

BIGGS, INC.
34 Buckley Ave.
Rising Sun, MD 21911
301-658-5531

Adams Industrial Machinery, Inc.

Woodworking & Metalworking Machinery Bought & Sold

Sturdivant Simpactor; Bearcat hammermill 10x24, 60 HP, brand new, complete

717-632-3443
Adams County

REPO COMBINE

10 months company warranty left. 1981 JD 6620 sidehill w/late style JD 643 corn head. 485 hours, like new, cab; A/C, radio-tape deck, hydrostatic drive, speed shaft monitor, straw spreader.

Asking $62,000 "Negotiable" Make an offer.

Earl Auker
Oakland Mills, PA 17076
717-463-2394

FARM EQUIPMENT

case

- Case 1290 Tractor approx 400 hrs.
- Case 2390 Tractor 1982, Fully Equip., 100 hrs Dual Wheels, Traded for other Machinery
- Case 1690 Dsl tractor, no cab, 265 hrs.
- NI 325 Narrow Row Corn Picker
- (New) New Idea 813 Grain Platform at a good price.
- JD 7100 Corn Planter, A-1 shape, set up for fert
- SC 7 Soil Controller
- NI 727 Husking beds, good shape

Plus NI mow/ditioners, tractors & spreaders in stock at Good Prices

C. & P. FULTZ EQUIPMENT
RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul

FARM EQUIPMENT

FALL CLEARANCE!!

Ford 152 Plow
6-18" Auto-Reset Plow
Demo Unit
Full Warranty!!
ONLY $5875 00

Ford 773 Loader & Large Bucket
Fits 8000-9000, 8600/9600 & TW Series tractors
Like New!!!
ONLY $2500 00

Ford Tractors Equipment

Trenton Ford Tractor
2836 Brunswick Pike (US1)
cor Carnegie Road
Trenton NJ

(609) 883 7360
(215) 752-0867

Buy at Dealer Invoice

Model	Invoice Price*
• 245 Spreader, 375 Bu., w/T-Bar Web, Hyd. Endgate	**$1785.92**
• 325 Corn Picker, 2 Row Narrow w/Secondary Beater & Model 327 12 Roll Husking Bed	**$11,650.00**

* Plus freight, set-up & handling, tires & misc. items where applicable.

We're Dealing Straight From the Invoice

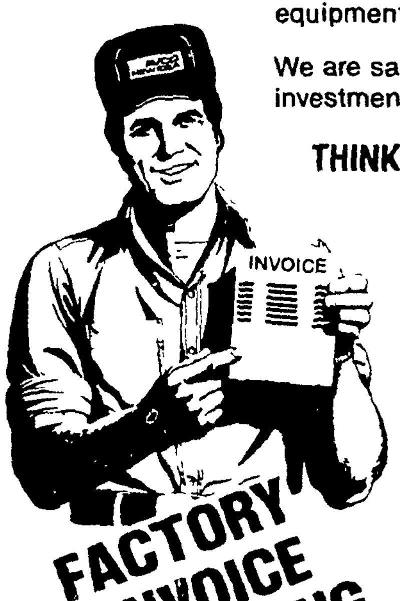
Now, for a limited time, we'll sell selected New Idea equipment on our lot at the factory invoice price.

We are sacrificing profits now to lower our inventory investment cost during the winter months.

THINK ABOUT

- Our low prices
- Your trade in allowance
- Investment tax credit
- Re-Investing your PIK income

See us now. Check the invoice and save on top quality New Idea equipment at our lowest possible price.



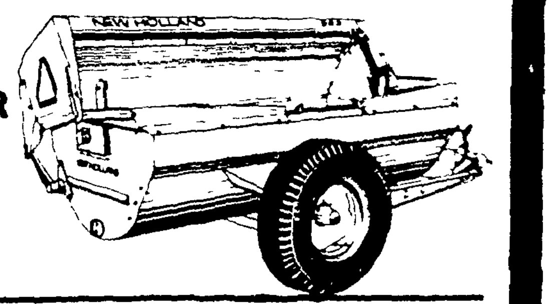
FACTORY INVOICE PRICING

AVCO NEW IDEA

A.B.C. GROFF, INC.
110-112 S. Railroad Ave.
New Holland, PA 17557
(717) 354-4731

NEW EQUIPMENT IN STOCK

NEW HOLLAND MODEL 363 TANK SPREADER
Was $4,595
Now **$4,295**



WHITE FARM EQUIPMENT

- WHITE 2-55 Tractor
- WHITE 2-65, 2&4 Wheel Drive
- WHITE 2-75 Tractor
- WHITE 2-85 Tractor
- WHITE 2-88 Tractor
- WHITE 2-105 Tractor
- WHITE 2-110 Tractor
- WHITE 2-135 Tractor
- WHITE 543, 4 & 6R Planter, No Till
- WHITE 5100, 4 & 6R Planter, No Till
- WHITE 254 10' 4" Disc
- WHITE 348 SAR Plow
- WHITE 508 SAR Plow
- WHITE 466 Chisel Plow
- WHITE 285 Field Cultivator

Waiver of Finance To July 1, 1984 on Hay Tools And Sept 1, 1984 on Forage Tools
OR
4 9%, 7 9%, 10 9% For 12, 24 or 36 Months Respectively

- NH L425 Loader
- NH 707, 718, 782, 892 Harvesters
- NH 310, 311 & 315 Balers
- NH 847 Round Baler
- NH 80 Bale Mover
- NH 488, 489 & 1495 Haybines
- NH 256 & 258 Rakes
- NH 38 Crop Chopper
- NH 28 & 30 Blowers
- NH No. 8 Forage Box
- NH 513, 519, 679 Spreaders
- NH 363 Tank Spreader
- NH TR75 Combine

KUBOTA
We're looking for work.

bobcat
642 & 743

WOODS
Division of Hesston Corporation

TYE
No Till Drill

GLENCOE
7 Tooth
Soil Saver

USED EQUIPMENT

HAYTOOLS

- NH 30' Elevator
- NH 56 Rake
- NH 268 Baler w/Thrower
- NH 68 Baler w/Thrower
- Oliver 620 Baler w/Thrower
- Gehl 880 Mower Conditioner

COMPACT TRACTORS

- Kubota B6000 E w/Woods RM 59 Mower
- Farmall Cub Lo-Boy
- Farmall Cub w/Snowplow, Plow, Cultivator And Sickle Bar Mower

SPREADERS

- NI 212 Spreader
- NI 214 3-Beater w/Hyd Endgate
- NH 512 w/Hyd. Endgate
- NH 346 Tank Spreader, LH
- NH 367 Tank Spreader, LH

TILLAGE - PLANTING

- White 5400 Planter
- JD 1240 4-Row w/Monitor
- IHC 550 5-16 Plow
- Oliver 348 3-16 CT Plow

TRACTORS

- Oliver 1755 w Cab

NORMAN D. CLARK & SON

Honey Grove, PA 17035 - Phone 717-734-3682
Located 14 Miles South of Port Royal on Rt. 75

NH TR 75
Pay New Holland what we owe and it's yours!

Glencoe
Soil Saver 7 Shank

Special on Harvesters
NH 717's
IHC 350

Skid Loaders

Spreaders
NH 790
NI 218

NH 350 Grinder-Mixer

SHEETS BROS.
New Holland, White
1061 Carlisle St.
Hanover, Penna.
717-632-3660

- JD 4630 Tractor
- JD 4430 Tractor w/Roll Guard
- JD 4430 Tractor w/Row Crop Fenders
- JD 4030 Tractor
- JD 4020 WF
- JD 4020 side console WFE
- JD 2640 Tractor
- JD 950 Tractor w/loader
- JD 2640 Tractor w/145 Loader
- JD 820 w/loader
- JD 2040 Tractor
- JD 2440 Tractor
- JD H Tractor w/plow & cultv.
- Farmall 656 Tractor
- Farmall M Tractor
- Farmall Cub w/Belly Mtd. Mower
- IH 154 Lo-Boy w/mower
- JD 7000 6R Consv. Planter w/Liquid Fert.
- JD 7000 4R Consv. Planter w/Dry Fert.
- JD 7000 4R Consv. Planter w/liq. fert.
- JD 1240 4R Plateless Corn Planter
- NI 325 2R Corn Picker
- JD 3800 Chopper w/2R corn head
- JD 35 Chopper w/2R corn head
- JD 3940 Chopper w/2R C.H.
- JD 110 Disc
- JD BWA Disc
- JD B Plane 15 Disc Grain Drill
- JD FB Grain Drill
- JD 4400 Combine w/Platform & C.H.
- JD 4400 Combine w/444 Corn Head & 13' Platform
- JD 7700 Combine
- JD 7700 Combine w/643 Corn Head & Platform
- Gleaner A Combine
- JD 34 Chopper w/1 Row Corn Head
- JD 244 Corn Head
- NI 279 Cut/ditioner
- Brillion Cultimulcher
- JD 1450 5B Plow
- JD 1450 4B Plow
- JD F145 5B Plow
- JD 145 6B Plow
- IH 5B Plow
- IH 6B Plow
- NH 318 Manure Spreader
- NH Tank Spreader
- JD 400 Grinder Mixer
- NH 354 Grinder Mixer
- JD 400 Lawn & Garden Tractor

ENFIELD EQUIPMENT INC.

Whiteford, MD 21160
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LOST CREEK IMPLEMENT

Oakland Mills, PA 17076
717-463-3511 463-2161

GREEN VALUE USED EQUIPMENT

TRACTORS

- JD 2440 tractor, w/146 loader
- 15 HP Satoh Beaver diesel, 4WD w/loader, $3,800
- Michigan 4WL drive payloader w/fork & bucket
- IH 400 tractor, $2,200 nice!
- JD B tractor, excellent, $1,000
- JD MT tractor

PLOWS

- JD F350, 4 bottom 16", $2,200
- JD 145 plow, 5 bottom 16", $2,500
- JD 1250 4-16

DISCS & HARROWS

- JD 12' drag harrow, $575
- JD KBA transport disc 10', $1,095
- IH 10' disc, transport disc, $950
- AC drag disc
- Case 7' Drag disc, $195
- JD BW disc 10', $1,095

DRILLS & PLANTERS

- JD 1440 no-till w/monitor, dry fertilizer & insecticide, reduced to $2,200
- JD FBB 15x7 drill, $775
- IH 56 4 row insecticide
- 10' Moore no-till drill, used 300 acres

HAY & FORAGE

- NI forage blower $895
- JD 24T baler w/30 ejector, $2,495
- JD 1 row snapper head, fits JD 35, 38, 3800 & 3940 harvesters
- Grimm hay tedder, $975
- IH 440 baler w/thrower, $3,750
- JD 24T baler w/#2 ejector, $1500
- NH 818 harvester w/4 heads, $795
- JD 38 forage harvester w/2RC

MISCELLANEOUS

- IH 540 manure spreader, very good
- 3 used Kill Bros. gravity boxes
- MF 160 spreader w/hyd. endgate, good, $1,395
- JD 227 picker for parts
- 7' heavy duty 3 pt. blade, $625
- IH 2MH 2 row mtd. picker, very good
- 96" bucket for 145, 146, 148, 158 loader

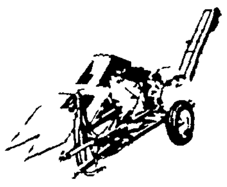
Zimmerman Elevators &
Kill Bros. Gravity Wagons

Pequea Wagons
3 pt. Woodsman Saw $625

JD Finance Waiver & Rebates
On Most New Items!

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

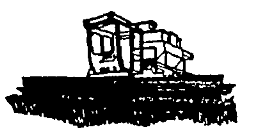
AVCO NEW IDEA



C.J. WONSIDLER BROS.

ALLIS-CHALMERS
AGRICULTURAL EQUIPMENT

SPERRY NEW HOLLAND



BRANCH
Rts. 309 & 100
New Tripoli, PA
(215) 767-7611
Mon.-Fri. 7.30 A.M. - 5 00 P.M.
Sat. 7:30 A.M. - 12:30 P.M.

★ 3 LOCATIONS ★
Trumbauersville to Finland Rd.,
Quakertown, PA
(215) 536-1935 or 536-7523
Mon.-Fri. 7:30 A.M. - 9:00 P.M.
Sat. 7:30 A.M. - 4:00 P M

BRANCH
Lobachsville, Oley, PA
(215) 987-6221 or 987-6257
Mon -Fri 7 30 A M. - 5.00 P.M
Sat 7 30 A M - 12 30 P M

TRACTORS

- JD 4020 D
- JD 4010 D w/PS
- JD 4010
- JD 60
- JD B
- JD MT
- Long 560 D, lo hrs.
- IH 986 w/cab, air, only 1400 hrs., EXCEL.!
- IH 460 D
- Farmall 400
- MM G1000 D
- Ford 4000 D, lo hrs.
- Ford 901
- Case 630 w/loader
- Case 530 w/Ind. loader
- Case 300
- MF 50 D
- AC 7040 PS, w/cab
- AC 7020 PS, w/cab
- AC 190XT D w/cab
- AC 185 D
- AC WD45
- AC WD

COMBINES

- JD 8820 w/950 hrs., cab, air & heat, 15' floating grain, 830 corn heads, like NEW!
- JD 55 Special w/cab, 12' grain & 330 corn heads
- JD 55 w/12' grain & 338 corn heads
- JD 45 w/both heads
- JD 45 w/grain head
- MF 300 w/11' grain & 238 corn heads
- IH 315 w/cab, grain & corn heads
- NH 975 w/11' grain & 238 corn heads
- NI Uni-System 702 w/717 combine, 4-row corn head
- NI 767 Chopper w/702 2-row Corn head & 761 Pick up Head
- Gleaner N5 w/15' floating grain & 630 corn heads
- Gleaner MKS w/13' grain & 630 corn heads
- Gleaner F2 Diesel w/cab, air, 13' grain & 438 corn heads, like NEW!
- Gleaner CII w/13' grain & 438 corn heads
- Gleaner AII w/cab & both heads
- Gleaner AII w/12' grain head
- Gleaner E w/cab & both heads

TILLAGE

- AC 2000 5B Semi-mt. Plow
- Oliver 6B Spring Trip Plow
- (2) AC 80 Series 4B Mounted, 3-pt. Plow
- Brady 10 Tooth Chisel Plow, w/gauge wheels, like new!!
- (2) AC 2300 Disc Harrow-15' Fold up
- JD 13' Transport Disc
- JD 11' Transport Disc
- JD 10' Cultimulcher
- IH 13' Transport Disc
- Vicon 14' Power Harrow, demo, SPECIAL PRICE!

FEED CARTS

- (2) Weaverline 223 Elect. Feed Cart, 24 BU.
- (2) Weaverline 330 Elect. Feed Cart, 30 BU., A-1!

FORAGE EQUIP.

- NI 305 2-row Mtd. Picker w/307 Husking bed.
- NI #10 pull type 1-row picker
- NI #7 pull type 1-row picker
- JD 237 2-row mtd. picker
- NH 717 Super Chopper w/2- row corn head & pick up, A-1.
- NH 717 Chopper w/1-row corn head & pick up.
- NH 880 Chopper w/2-row corn head & pick up.
- JD 38 Chopper 2-row corn head & pick up.
- JD 3800 Chopper 2-row corn head & pick up, A-1.
- McCormick 16 Chopper w/1-row corn head & 5' Sickle bar.
- Gehl 600 w/2-row corn head & pick up w/elect. controls, EX.
- AC 720 Chopper w/2-row corn head & pick up, A-1.
- JD 16 Flail Cutter
- NH 23 Blower
- NH 26 Blower
- NH 27 Blower
- JD Blower
- AC Blower
- Coby Forage wagon w/8 ton running gear & roof

********** NEW EQUIPMENT CLEARANCE **********

- NI Uni-System 802 Diesel w/cab, air, 4-wh. dr. w/767 Super Chopper, Model 768 3-row corn head & Model 766 Pick up Head-6 ft.
- NH 847 Round Baler
- NH 90 Bale Mover
- NH 80 Bale Mover

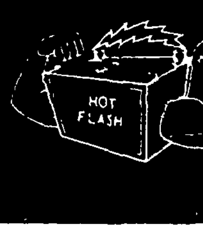
THIS IS IT!!! This is your last chance to buy a new NEW IDEA Corn Picker. Get a new one while they last! Don't delay, call today!

NI 323 1-row Corn Picker

NI 325 2-row Corn Picker w/327 Husking Bed.

TIRED OF BEING OVERCHARGED?

Battery Warehouse



OFFERS A COMPLETE LINE OF TOP QUALITY
BATTERIES AT EVERYDAY LOW LOW PRICES

FARM TRACTOR BATTERIES

Group 1
6 Volt
$29.95 Exch.

Group 30H
12 Volt
$54.95 Exch.

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As Low As $29.95 Exch.

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Battery Warehouse

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JOHNSTOWN
814-266-7807
HAGERSTOWN, MD
301-791-7780
CHAMBERSBURG
717-264-7414
SINKING SPRINGS
215-777-5284
LEWISTOWN
717-242-2536

DEPENDABLE MOTOR CO.

East Main St., Honey Brook - Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPECIALS

NH 488 & 489 (Demo) Haybines	Special Price, Give Us A Call
NH TD 50 Disc	$6100
NH #311 Baler PTO	$6300
NH #311 Engine Baler, Hitch & Chute, Steel Wheels	$8700
NH #456 Mower	$2240
NH #258 Rubber Tine Rake	ONE ONLY $2515
NH #28 Blower	$2650
NH #718 Harvester (1 only)	$6100
NH #791 Spreader, 11:20 Tires	$7130
NH #303 Liquid Tank Spreader, Demo Rental w/injectors	$6950
Pittsburgh 3B 18" Auto Reset Plow	$3150
Pittsburgh 4B 18" Semi Mtd. Auto Reset Plow	$5275
Pittsburgh 12' Field Cultivator, 1 only	$1295
Butler Nesseth Trail Manure Pump	$4950
Hutchmaster Disc 22x¼" blades D.O.T. Flex Gang 5600 lbs.	$6200
Dunham 3 Bar 8 Tooth Chisel Plow	$1695

- SPECIAL DEALS ON THE ABOVE PLUS FREE FINANCE ON NEW & USED NEW HOLLAND HAY EQUIPMENT TILL JULY 1, 1984 & FORAGE EQUIPMENT TILL SEPT. 1, 1984 OR 4.9% 1 YEAR, 7.9% 2 YEARS, 10.9% 3 YEARS SPREADERS AND GRINDER-MIXERS TILL OCT., 1983 PLUS REBATES ON THE FOLLOWING NEW HARVESTERS $600 on #718's; $800 on #782's; $1000 on #892's

SPERRY NEW HOLLAND

DEALER FOR TERRE HILL SILOS

JAMESWAY OSWALT ENSILMIXER DUNHAM

Leasing Available

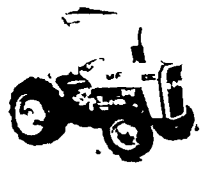
USED EQUIPMENT

NH 512 Spreader w/hydraulic endgate
NH 477 Haybine
NH 479 Haybine
Hesston 1090 Haybine
NH 451 Mower
7' 3 pt. hitch York Scraper Blade w/100 h.p. rating
NH 325 Loader 54" bucket, like new
NH 273 Baler
NH 273 Baler w/54 thrower
JD 336 Baler w/Thrower, Ex. Cond.
NH 256 Rake
NH 56 Rake
NH 770 R2 Corn Head
NH 717 N2 Corn Head
NH 717 Pickup Head
NH 519 Spreader w/Hyd. Endgate
NH 512 Spreader w/Hyd. Endgate
12' Mid West Harrow
Bush Hog 5' Rotary Mower
Case 4B Plow
Oswalt 1830 Ensilmixer

DEPENDABLE IS MORE THAN OUR NAME

FARM EQUIPMENT

FARM EQUIPMENT



MF Massey Ferguson

TRACTORS & EQUIPMENT

MF 1155 Tractor
MF 180 Dsl. Tractor
Ford 4000 Tractor
Ford 4000 Turf Tractor
Ford 3500 Tractor & Loader
MF 150 Tractor
AC D17 Dsl. Tractor
MF 40 Dsl. Tractor and Loader
IH Tractor & Loader w/Forklift Attch
MF 760 Combine w/Attchs
NH 36 Crop Chopper
IH #46 Baler
IH 440 Baler
NH 315 Baler
NH 269 Baler w/thrower
NH 1010 Bale Wagon
NH 510 Manure Spreader
NI 213 Manure Spreader
Hesston PT10 Mower Cond
JD Grain Drill
MF #33 Grain Drill

NEW M.F. EQUIPMENT

MF 285 Tractor
MF 245 Tractor
MF 240 Tractor
MF 265 Tractor
MF 1010 Tractor
MF 40B Tractor w/Loader
MF 40B w/Cab
MF 20 Turf Tractor
MF 34A Loader
MF 236 Loader
MF 236 Loader to fit MF 184-4 Tractor
MF #43 2B Plow
MF 820 Disc Harrow
MF 520 disc harrow
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 18 Scarifier Scraper Blade
MF 124 Baler w/Thrower
MF 218 3 pt. Rotary Cutter
MF 222 Scraper Blades

S.G. LEWIS & SON, INC.

R.D. 2 Box 66 West Grove, PA
215-869-2214

JOHN DEERE

USED EQUIPMENT

MF 1155 Tractor
INT 475 DISC
JD-BW DISC
JD 5020 tractor
MOTT MOWER - 48 In
JD 54 Manure Spreader
JD 494A Planter
JD 694A Planter
JD 4400 Combine
JD 105 Combine
JD 7000, 8 row, 30" corn planter w/Liquid Fertilizers and Monitor
JD 1250 corn planter
Oliver 5x16 Plow
JD 1250, 4 btm plow
1-JD AW disk harrow, 14'

NEW EQUIPMENT

JD 415 Rotary Hoe
JD 347 W Baler
JD 7100 8-row 20' bean planter
JD 950 - 12 Ft Roller Harrow
JD 7000 - 4 Row & 6 Row Conservation Planter
JD 45 Blade - 8 Ft
JD 45 Blade - 7 Ft
2 - JD 506 Gyramor
2 - JD 606 Gyramor
JD 660 Rake

OTHER LINES NEW EQUIPMENT

Superior-Campbell Sprayers
Superior-Scranton Livestock Equipment, (Hay Feeders, Corrals, Gates)
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Just 3 miles off Rt. 202
(Between Flemington & Somerville)

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SO STOP AND SEE US FOR YOUR FARM EQUIPMENT NEEDS REGARDLESS OF THE COLOR BECAUSE WE NOT ONLY SERVICE WHAT WE SELL

WE SERVICE ANYTHING, ANYTIME, ANYWHERE

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HAVE YOUR TRACTOR WINTERIZED ON YOUR FARM NOW!

We Will Come Out To Your Farm And Check:

- ✓ Antifreeze
- ✓ Clean battery terminals and cables
- ✓ Filters
- ✓ Fuel lines, belts, etc.

ONLY $19.95

Parts and additional service extra (Filters etc)

HAVE YOUR BALER CHECKED ON YOUR FARM NOW!

(Before You Bale Fodder)

We Will Come Out To Your Farm And Check:

- ✓ Feed System
- ✓ Plunger Knives
- ✓ Pick-up
- ✓ Knotters

ONLY $19.95

Parts and additional service extra.

NH Waiver of Finance
Spreaders & Grinder Mixers till
April 1, 1984
Hay Tools till
July 1, 1984
Forage Equipment till
Sept. 1, 1984
OR
Low Rate Financing
4.9% 1 year
7.9% 2 years
10.9% 3 years

Allis Chalmers
Waiver Of Finance
On Tractors till 12/1/84
Implements 6/1/84
OR
LOW INTEREST RATES

LARGE AND SMALL SKID LOADERS TO RENT

USED EQUIPMENT

NH 676 Spreader
NH 676 Spreader (Re-conditioned)
Starline 3200 Tank Spreader and Chisel
NH 1895 Harvester w/1895A and 1895N4 and 1895W
Hesston S.P. 520 Mower Conditioner (A-1)
MF 260 Harvester w/260-2R Corn Head, w/Pickup
NH 717 Harvester w/741 Corn Head
AC Forage Box & Running Gear
NH 707 Harvester w/Corn Head and Windrow Pickup
AC 7010 Tractor
Ford 8N Tractor
NH 273 Baler (Standard pickup less engine)
NH 275 Baler
NH 268 Baler (less engine)
NH 272 Baler (less engine)
NH 273 Baler
NH 273 Baler
NH 320 Baler w/70 Thrower
New Idea Rake Model 400
Hershey Transplanter 2 Row
Holland Transplanter - 2 Row
Holland Transplanter - 1 Row
New Idea Conditioner 750
NH 404 Conditioner
NH 488 Haybine
NH 903 Mower Conditioner Windrower
NH 479 Haybine
NH 55 Rake
NH 55 Rake
Hamilton Equip Log Splitter
Woods C80 Rotary Mower (A-1)
Electric Wheel Wagon (16,000) w/Farm-Bilt Flat Bed
Ranger Scraper Blade for Yanmar Tractor
AC 4 Row Corn Planter
16' Aluminum Elevator
12' Gandy Applicator
AC 4 Row Tool Bar Cultivator
NH L775
Numerous Engines
Electric Wheel Wagon
Electric Wheel Wagon

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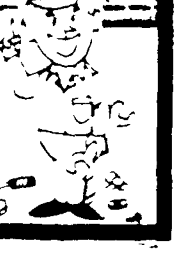
PACE



FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

Eckroth Bros. Farm Equipment

RD 2 Box 24A
New Ringgold, PA 17960
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7:30-5:30 Mon.-Fri. 7:30-4:00 Sat.

* To Better Serve Our Customers, A New Phone *
System Has Been Installed.

Our New Number is 717-943-2131

USED COMBINES

IH 1460 combine w/15' header & 863 corn header, $41,000
205 IH combine w/2 heads

USED EQUIPMENT

Leyland 270 Diesel
Leyland 384 Diesel
IH 1066 tractor w/cab
AC 5050 w/700 hrs.
1 JD double disc grain drill
Ontario grain drill
IH 175 spreader
#56 Blower, nice
IH 700 seyen bottom plow
NI #402 hay rake
430 IH baler
#16 IH forage harvester
NI 214 manure spreader

USED EQUIPMENT

TRACTORS

JD 4240 w/cab, 400 hours	$27,500
JD 4040 power shift	$19,000
JD 3020G PS	$5900
JD A	$1200
JD 950 w/6' Mower	$6750
IH 1086 w/cab 1180 hrs.	$18,500
IH 1066	Coming In
IH 656	Coming In
MF 1085 Dsl.	$8900
MF 1080 Diesel	$5900
Ford Jubilee w/Loader & Plow	$3500

SPECIAL PRICES ON COMBINES

1982 JD 6620 Side Hill w/2 heads	$75,000
1977 MF 750, 1700 hrs. 2 heads	$29,500
1978 JD 6600 Sidehill	$43,750
1979 JD 6620 Sidehill	$59,900
1980 MF 760 338 hrs. w/2 heads	$55,000
JD 45 w/2 heads	$8900

TILLAGE

JD 1450 5x16 Plow	$2900
JD 145 5x16 Plow	$1550
JD 950 12' Roller Harrow	$2700

PLANTERS

JD 6 Row 7000 Conserv. w/Liquid Fert.	$8000
JD 6 Row 7000 Consev. Dry Fert.	$7500
JD 4 Row 7000 Dry Fert.	$5900
White 5400 4 Row	$3600
MF 468 4 Row	$950
MF 468 6 Row	$1850

MISCELLANEOUS

MF Forage Wagon
NH #36 Crop Chopper
NH 770 Harvester w/Heads
JD FBB 17x7 D.D. Drill
JD FBB 17x7 Sgl. D. Drill

JD 7000 Consv. Corn Planter w/population monitor, 30" rows, dry fert. no-til coulters, new condition	$8000
JD 709 Gyramor 7' Rotary Mower, ex. cond.	$1300
JD 965 wagon, good cond.	$500
NH Baler w/engine, good cond.	$900
JD 210 Disc 12' 10" w/furrow fillers, ex. cond.	$3200
JD 8250 Drill 14x7, double disc, good condition	$3000

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NEW JOHN BLUE L-13040
500 Gallon Ground Driven
PUMP SPRAYER
SPECIAL
$5,995.00

JOHN DEERE

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Phone: 717-362-3132

Ford Tractors Equipment
AVCO NEW IDEA
WHITE FARM EQUIPMENT

SPECIAL
New NI 323 Picker
New NI Manure Spreaders

USED EQUIPMENT

Oliver 1850 tractor
MM U302 Tractor
Ford #101 3 x 14 Plow (Excell)
White 5100 4R Planter (Excellent)
JD 1250 6R Planter
White 264 12' 2 disc harrow (new)
MM 4B Semi Mtd Plow
White 508 4x18 SAR Plow
Noble 25 Field Cultivator
Hesston 1014 Windrower
White 8600 Combine, dsl hydro, air
NI 709 Uni 4WD w/838 husk unit
JD 24T Baler w/thrower
(2) JD 14T Balers
MF 120 Baler w/thrower
1068 Haybuster no till drill (demo)
AC 6 Row 30" Corn Head, like new
Fox 728 2R Corn Head
Better Bilt 1100 Gal Liquid Spreader
Ford 10 h p Garden Tractor w/42 mower
Ford 7 h p Garden Tractor w/34 mower

We are Your Certified Better-Bilt Dealer

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

White Tag Specials

Wholesale cost

370 disc harrow, 13'10"	$4,561 48
781 forage harvester, 540 RPMs, 2 row corn head	11,627 00
453 three bottom plow, automatic reset	3,100 00
720 four bottom automatic reset plow	6,000 00

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Dibble Hardware
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½ hp. thru 10 hp. 1 ph.
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New Long 610 DTC, 4WD 64 HP SOLD
New Long 610, 64 HP
New Long 510, 48 HP
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New Long 460, 41 HP $7,900
Long 1550 loader
Long 1549 loader
IH 1086 w/cab
IH 966 w/cab
Year-round cab for IH w/air conditioner
JD 4230 w/cab & air
JD 2840
Cab for JD 2840
2 JD 3130 1 w/cab
3 JD 3120
JD 2120
White 2-105 w/cab
Ford 8600 w/dual power
Ford 7000
Ford 6610
2 Ford 6600, w/cab, one w/air
Ford 5600 4 wheel drive
5 Ford 5000 2 w/dual power and cab
3 Ford 4000
Ford 541 offset
2 Ford 8N
MF 1150 w/cab
Case V
Wolverine 25' gooseneck trailer
Moore no-till drill
Coming November - JD 2130 JD 2030

¼ Mile East of Exit 6 I-81
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FARM EQUIPMENT SALE BY OWNERS. PRICED LOW FOR IMMEDIATE SALE.

JD #7,000 conservation no till planter, 6 row. JD side hill #6600; 6 row combine with 12' corn and grain heads. John Blue truck mounted fertilizer spreader, spinner type, complete with hydraulic system - tarp covered, 10 ton capacity mounted on Ford 500 truck; John Blue - 500 gal. trailer; Deutz - D 6806, diesel tractor; Deutz - D 100 diesel tractor; Deutz - D 13006 diesel tractor with tandem rear wheels; NH - super haybine baler; Donahue - 28' flatbed trailer; JD - coulter mulcher; International Harvester #990 haybine; Ontario grain drill; International Harvester side bar cutter with extra blade; Vicon acrobat, 12' wind rower; Glenco soil saver, diesel plow, 7 tooth; 2 hutch master heavy duty offset disks, 10'; Patz model #181 manure spreader; little giant 28' elevator with motor; seed mobile grinder, truck mounted; 400 gal. PVC liquid fertilizer tank with steel sadle and base; 2 Snyder PVC 1500 gal. liquid fertilizer tanks with flat bottom; 3 100 gal. PVC liquid fertilizer tanks; 3 construction or Agri storage trailers, 28' - 35'; 3 275 gal. fuel tanks with hand rotary pumps; trailer with ball hitch for small equipment; 4 Agstar #BB-80 hog feeders; 4 Agstar hog bunk line feeders. Numerous other items of farm equipment including trailers, scale, grain Augers, trucks, tires, etc. All equipment in very good to excellent condition.

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If no answer, call 684-2755 or 684-2158

Buy at Dealer Invoice

MODEL
323 - Picker, 1 row
800 - Uni System Power Unit
802 - Uni System Power Unit
279 - Cut-Ditioner
109 - Fertilizer Spreader
214 - Manure Spreader
243 - Spreader
517 - Snow Blower

We're Dealing Straight From the Invoice

Now, for a limited time, we'll sell selected New Idea equipment on our lot at the factory invoice price.

We are sacrificing profits now to lower our inventory investment cost during the winter months.

THINK ABOUT

- Our low prices
- Your trade in allowance
- Investment tax credit
- Re-Investing your PIK income

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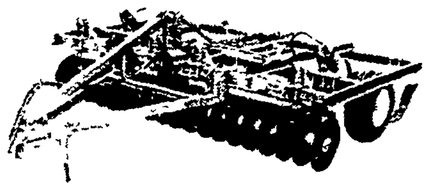
With More Trash Clearance



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Special Of The Week

BADGER 3000 GALLON MANURE TANK

List $10,395 SALE $5,800

EQUIPMENT FOR SALE OR LEASE

BADGER
3,000 gal. liquid manure tank
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Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
Persuader Pump agitator for Lagoons
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Registered Holstein Bulls

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FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

TRIPLE H EQUIPMENT

VERMEER Vicon
Peach Bottom, Pa.
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ROUND BALERS

Early Order Specials on All Vermeer Balers.
Demo Discounts on Vicon Round Balers in Stock.

1 Used 504C Vermeer
1 Hesston #10 Stackhand w Movers

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New Vicon SP450 w Thrower
1 Demo SP 450 without Thrower

MOWER CONDITIONERS

1 Demo KM240 Vicon
2 Used KM240's
1 NH 477 Used
1 Demo KM321 10 6
1 NH 7 Conditioner

RAKES

4 New 4 Wheel Rakes
8 New 8 Wheel Rakes
1 New R23 Vermeer

PLANTING

1 Haybuster 1068 Drill
8 Vicon Spreaders

SPECIAL FALL DISCOUNTS ON ALL VICON EQUIPMENT

NEW TRACTORS

3088	234 4WD
3288	244

NEW EQUIPMENT
720 plow, 5-18
510 plow, 5-18
IH 475 disc, 11'6"
540 spreader
335 wagon
18' bale wagon
Morridge Grain Dryer

USED EQUIPMENT
IH 475 disc, 11'6"
574 gas
IH 475 disc, 11' 6'

USED TRACTORS
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YOUR HARVESTER SPECIALISTS

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1953-1983 30th Anniversary

All New Design Round Baler For '84

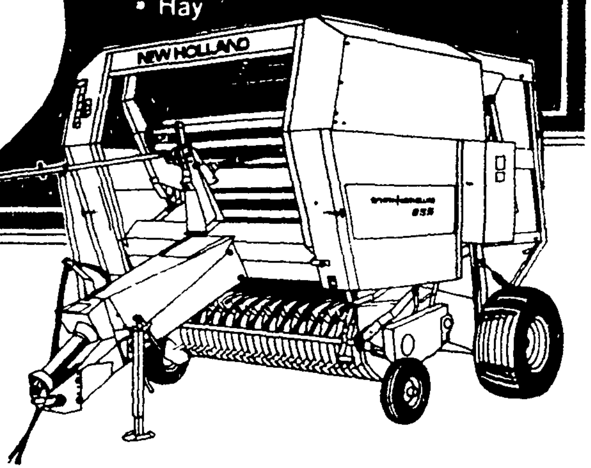
MODEL 855
5½'x5½' Bales Up To 1700 Lbs.

MODEL 849
4¾'x5' Bales Up To 1200 Lbs.

Great Capacity
5000 Bale or 2 Yr. Chain Warranty
No More Floor Chains
Air Spring Tension.
Better Bale Density & Shape.
Automatic Tie And Much, Much More

Capacity champ!

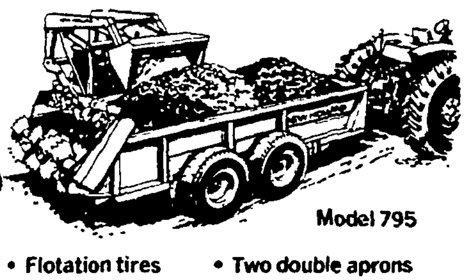
For
- Corn Fodder
- High Moisture Haylage
- Hay



0.0% INTEREST ON:
- Hay Equipment till July 1, 1984
- Forage Equipment till Sept. 1, 1984

OR LOW RATE FINANCING
OR CASH REBATE

NH MODEL 795 SPREADER



Model 795

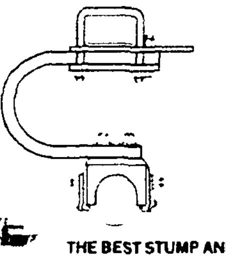
- Flotation tires
- Better end gate
- Longer hitch
- Two double aprons
- Power rear pan closing
- Faster clean out
- A big 410 bu.

WAIVER TILL APRIL 1, 1984

AMCO

F-17 12 FT. DISK

SHOCK ABSORBER GANG RISERS



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Looking For A Good Buy...Just Traded
NH OD200 12 FT. DISK

A GOOD SELECTION OF USED EQUIPMENT

MISCELLANEOUS
JD 3 Section Rotary Hoe
New Idea 1 Row Pull Type Corn Picker
NH 354 Grinder Mixer
NH 352 Grinder Mixer
NH Model 155 Elevator, 24 Ft.
NH Model 155 Elevator, 30 Ft. w/Corn Hopper
NH Model 353 Grinder Mixer (Like New)

SKID STEER LOADERS
NH L425 Skid Loader
NH L775 Diesel Skid Loader
Owatonna Skid Loader, 38 HP, Water Cooled

SPREADERS
IH 3 Beater 160 Spreader
NH 365 Tank Spreader
NH 518 2 Beater, Excellent

HAY & FORAGE EQUIPMENT
NH 268 Baler & Thrower
JD 24T Baler & Thrower
Used N.H. 1495 S.P. Haybine w/12 Ft. Rolareel Header, Ex. Condition
NH 469 Haybine
NH 495 Haybine, 12' Rolareel End w/Transport, Ex. Condition
NH 315 Baler w/Thrower, 1 yr old
NH 851 Round Baler, Auto Wrap, Excell
NH 276 Baler w/#70 Thrower
Gehl Model CB600 w/2 Row Cornhead & Pickup Attach
NH Model 30 Blower, Demo
IH Model 56 Blower, H D PTO
IH Model 56 Blower, New Band
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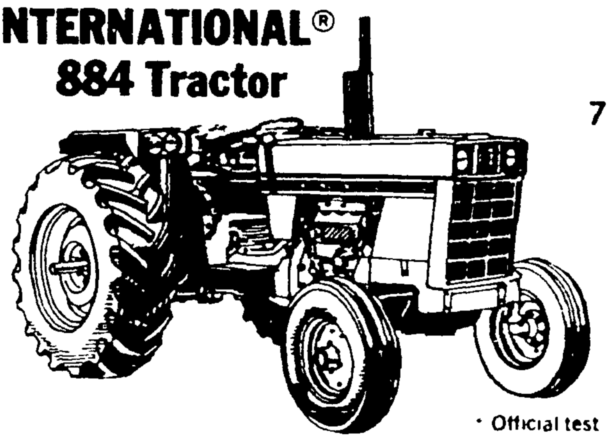
1953-1983 30th Anniversary

INTERNATIONAL® 884 Tractor



73 PTO hp*
Farmers #1 Choice

* Official test

Featuring:
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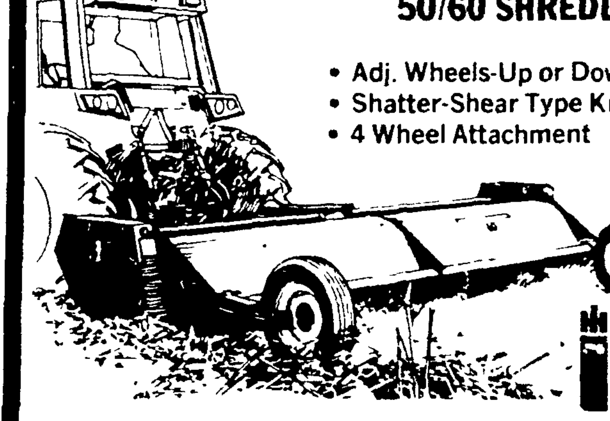
GET RID OF CROP RESIDUE IN A HURRY!

INTERNATIONAL 50/60 SHREDDERS

- Adj. Wheels-Up or Down, In or Out
- Shatter-Shear Type Knives
- 4 Wheel Attachment



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A GOOD SELECTION OF USED EQUIPMENT

TRACTORS
IH 1086 w/cab (excellent)
IH 656D Hydrostatic Drive
AC 7050 Cab Air Good Condition
IH 706 D w/Cab Real Sharp
Farmall H

TILLAGE
Glencoe 13 shank Chisel
JD 350 6 bottom auto reset Plow
Brillion 10 Ft. Packer
Krause Model 1580 Single Wing Fold Disc Harrow
IH Model 55 9 Shank Chisel Plow, Demo
IH 53, 4 Row Cultivator w/3 Pt. Hitch
IH 311 plow
IH 37 Disk Harrow
Athens 9 Shank Chisel Plow
Athens 7 Tooth High Clearance Chisel Plow w/Gauge Wheels

PLANTERS
IH 800 4 row corn planters dry fertilizer monitor insecticide excellent condition Don't Miss This Good Buy Waiver Till Next March 1984
IH 400 6 Row Monitor Fert Attach, Insecticides Fully Equipped
IH 56, 4 Row Fert
Int. 56 2 Row

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STOLTZFUS WET LIME SPREADER

Will spread fertilizer, poultry wastes, etc.

Leaders in accurate spreading for 1/4 of a century.

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- We stock spreaders and parts.

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HOOK-N-LINK CHAIN

- 2" high Angle Flight, 24" Centers @ *8.85/ft.
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Our chain will replace existing installations of Patz, Berg and Jamesway. Corner Rollers, Reverse Curves and Sprockets *are also available!*

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3-Point, mounted with blower and distributor for feeding hay into a Mix Wagon with silage and grain for a TMR.

FIBERGLASS FARM FUNNELS

*135.00

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BONITA PRODUCTS
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Avco New Idea farm equipment. They've been around for years. Their reputation for quality is well known throughout every farming community in the United States and around the world. Well, now, Avco New Idea has something new. Me. I've teamed up with Avco New Idea to make their farm equipment available to you locally. Avco New Idea's farm equipment is built with time and money saving features, ruggedness, and dependability that you need on your farm. And while I might be new with Avco, I'm not new when it comes to knowing farm equipment, and I know it when I see it. That's why I went with Avco New Idea. But, don't take my word for it, stop in and see for yourself.

AVCO NEW IDEA

Biggs, Inc.
34 Buckley Ave.
Rising Sun, MD 21911
301-658-5531

Nothing runs like a Deere

JOHN DEERE

SPECIALS OF THE WEEK

USED JOHN DEERE 5200 SP FORAGE HARVESTER

JD #27 FLAIL SHREDDER

NEW TRACTORS
JD 4250 SG, PS, MFWD
JD 4050 SG, PS
JD 2950 SG, MFWD
JD 2950, SG
JD 2750
JD 300B Loader & Backhoe
JD 850

NEW HAY & FORAGE EQUIPMENT
NH 782 Fg. Harvester
JD 3940 & 3960 Fg. Harvester
JD 347 Baler
JD 327 Baler
NH 311 & 316 Balers
NH 488, 495 & 1495 Haybines
NH 256 Rake
JD 670 Rake
JD 660 Rake
H&S Fg. Wagon
H&S Bale Wagon
New Hay Tedders

NEW TILLAGE
JD 950 Roller Harrow
JD 2600 4B Plow
Haybuster No-Til Drill Also for Rent

NEW SKID STEER LOADERS
NH 445, 555
Bobcat 643, 743

NEW SPREADERS
NH 519
Martin 2400 V Type & F1466 Scavengers
H&S 260 & 295 Spreaders

NEW PLANTERS
JD 7000 6 Row Consv.

USED TRACTORS
JD 4010
Oliver 1800 Dsl. WF
Farmall A w/Hyd. Lift
MF 265
JD 146 Loader

USED CORNPLANTERS
JD 1240
JD 1260 w/monitor
JD 7000 6RN Cons.
JD 7000 6RN w/min. till attach.
White 5400 6RN Plateless

USED HAY & FORAGE EQUIPMENT
Hesston Self Prop. 6450 Mower Conditioner
Hesston PT10 Mower-conditioner
NH 479 Haybine
JD 2 Row Narrow Corn Heads
NH 2 Row W 880 Head
NH 269 Baler w/Thrower
NH 78 Baler
JD 24T Baler
Hesston 1010 Swing Tongue

MISCELLANEOUS
Oliver Fertilizer Spreader
V1575 Martin Spreader

NEW MISCELLANEOUS
JD 335 Skid Sprayer
Most Model JD Loaders & Blades
Demco Sprayer 600 gal.
JD #27 Flail Shredder

Ask About Waiver of Finance on NH & JD Equipment

Cherokee 235 Airplane only 395 T.T.
I.F.R. Equipped......*19,900
Call 717-263-1518

CLUGSTON IMPLEMENT, Inc.
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

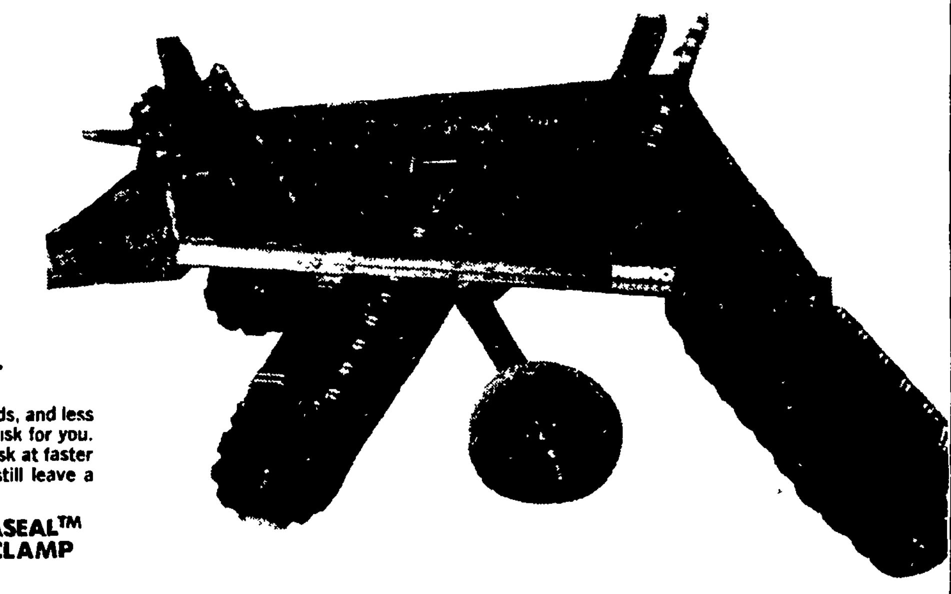
bobcat SPERRY NEW HOLLAND

RHINO

RHINO 76 DOUBLE OFFSET DISK

With or Without Wings

A Disk Harrow That Is Self-Leveling With A Flex Frame And Rock Flex Bearing Hangers



A Do-It-All Cut & Finish... And Affordable!

If you want faster incorporation, better seedbeds, and less time in the field, Rhino Products' R76 is the disk for you. The advanced Double Offset design lets you disk at faster speeds, vary the field speed on-the-go, and still leave a uniform, level seedbed behind.

2 YEAR GUARANTEE ON QUADRASEAL™ ROLLER BEARINGS AND THE C CLAMP FLEX HANGER

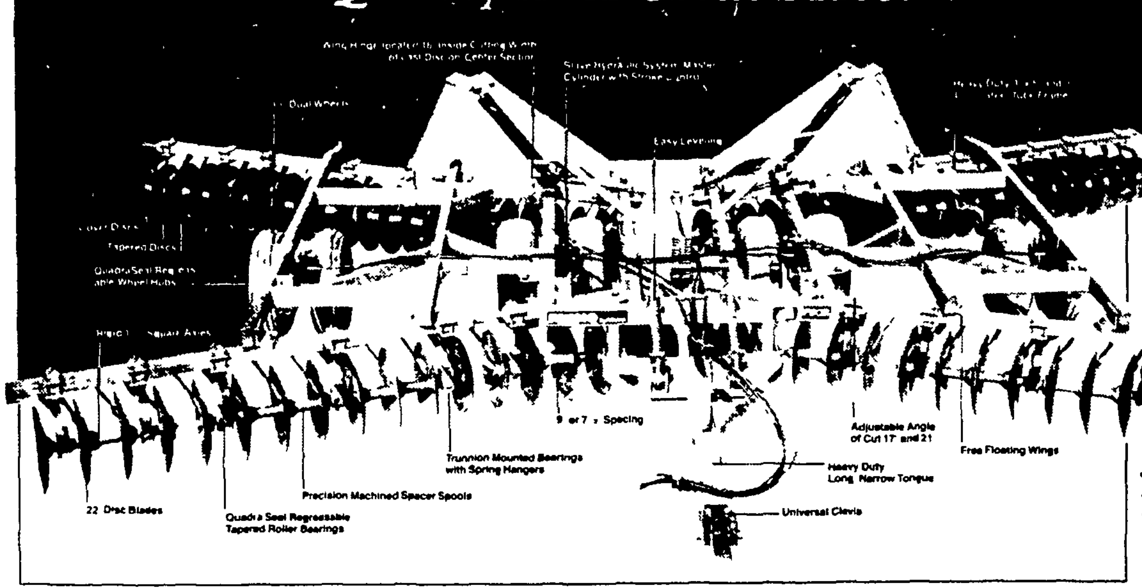
• 8'10" Cutting Width w/22" Blades w/Hydraulics & Hoses To Your Tractor. Serial #033220, Approx. 2990 Lbs., Only One In Stock.	• 10'3" Cutting Width w/Hydraulics, 22" Dia. Blades, Approx. 3263 Lbs. Serial #063061	• 11'8" Cutting Width w/Hydraulics, 24" Dia. Blades, Approx. 3836 Lbs. Serial #053002 & 053003	• One (1) R77 Similar to Model 76 But Heavier. In Stock: 11'8" Wide Approx. 4327 Lbs. Serial #063062
Reg. Price...$4408	Reg. Price...$4560	Reg. Price...$5486	Reg. Price...$6459
SPECIAL SALE PRICE *3250	SPECIAL SALE PRICE *3421	SPECIAL SALE PRICE *4,647	SPECIAL SALE PRICE *4,947

OTHER SIZES AVAILABLE

RHINO B90 TANDEM DISK

RHINO by Athens

Double Folding Narrow Transport That Really Cuts And Levels...It's Your Best Quality At A Great Price!


Dual Wheels
Easy Leveling
Cover Discs
Tapered Discs
QuadraSeal Regreasable Wheel Hubs
Square Axles
9 or 7½ Spacing
Adjustable Angle of Cut 17° and 21
Free Floating Wings
Trunnion Mounted Bearings with Spring Hangers
Heavy Duty Long Narrow Tongue
Precision Machined Spacer Spools
22 Disc Blades
Quadra Seal Regreasable Tapered Roller Bearings
Universal Clevis

Sizes Available From 15 Ft. to 27 Ft At Sale Prices

Bearing Hangers (with 2 year warranty) Heavy Duty Unitized Mainframe Precision Machine Spacer Spools (with 2 year warranty) Easy Leveling Tapered Rear Disk Gangs Cover Disks Adjustable Angles of Cut and Depth Heavy Duty Scrapers Narrow Transport Width and 6 or 8 QUADRASEAL™ Wheel Hubs (with 2 year warranty) Available in working widths from 15 to 27'2

2 YEAR WARRANTY

NOTICE! If You Incorporate Chemicals, Rhino Flex 90B Has An Exclusive Disk Blade Spacing Which Is Very Important! 7½" or 9" Disk Blade Spacing OR A Combination 9" Front 7½" Rear, Which Is Better For Chemical Incorporation

Don't Settle For Less, Get The Best, At A Much Better Price!

SPECIAL

19'4" Cutting Width, 9" Blade Spacing, 22" Diameter

Reg. Price $13,633 00

SALE

$8,240

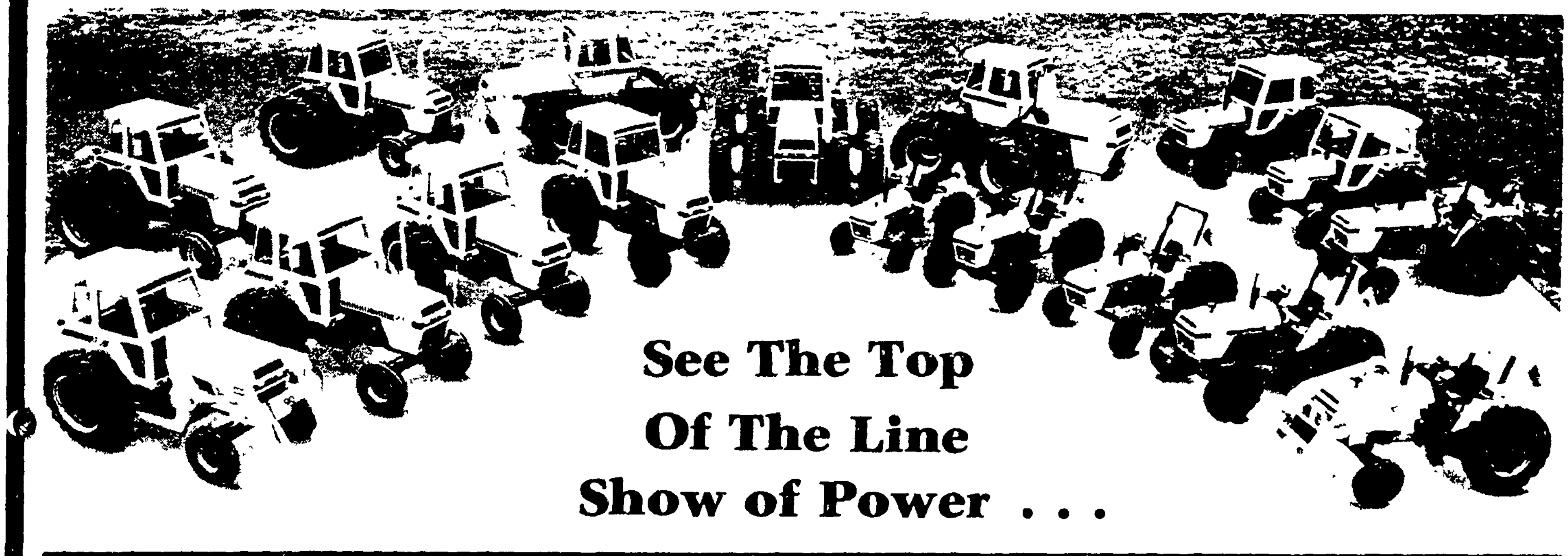
BINKLEY & HURST BROS.
133 Rothsville Station Rd., Lititz, PA 17543
(717) 626-4705

Hours:
Mon. - Fri. 7 AM to 5 PM;
Sat. 7 AM to 11:30 AM

case

UNBELIEVABLE TRACTOR DEALS...

PROGRAM ENDS OCTOBER 31st



UNDER 100 H.P. TRACTORS

Buy a new Case General Purpose tractor now

Pay No Finance Charges

until July 1, 1984.

That's right — no finance charges until July 1, 1984 on your purchase of a new Case 90 series General Purpose 43 to 90 PTO horsepower (32-67 kW) tractor... financed through J I Case Credit Corporation. Also ask about special deals on the new 94 series General Purpose tractors.

or get a special rebate on your cash purchase, in lieu of financing -

The tractors are new Case General Purpose models with features like 12-speed synchromesh transmission or 12-speed power shift hand and foot throttles diff lock MFD (mechanical front drive) and cabs Great choring/loader/field performers.

Offer valid September 1, thru October 31, 1983 Government agencies and national accounts do not qualify for rebates See us now, trade high while special factory selling allowances are also in effect

Eligible model	Cash rebate
1190	$ 950
1290	$1100
1390	$1250
1490	$1550
1690	$1750

OVER 100 H.P. TRACTORS

Buy a new Case over-100-hp tractor now

Get Rebates Totaling Up To $7000

Rebate No. 1
you get a check from Case for $4000 on cash purchase of a new Case 4490 4690 or 4890 tractor or get $3000 on cash purchase of a new Case 2090, 2290 2390, 2590, 2094, 2294 2394 or 2594 tractor

Rebate No. 2
you get a check for $3000 Under terms of a new labor contract Case and the United Auto Workers union have agreed to wage and benefit restraints that make this rebate possible This $3000 is yours in addition to the $4000 or $3000 rebate outlined above

or, choose this exceptional financing/rebate option

8.8% A.P.R. financing for up to 48 months from date of purchase | **and waiver-of-finance charges until January 1, 1984**

plus the $3000 Case/UAW rebate

All offers valid September 1, thru October 31, 1983 For credit benefits, purchase must be financed through J I Case Credit Corporation Government agencies and national accounts do not qualify for rebates

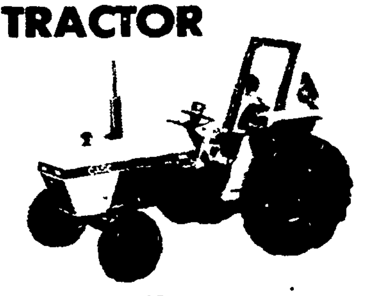
Special factory selling allowances mean "We're trading high, now"

EXAMPLES

NEW CASE 43 HP DIESEL TRACTOR

Loaded With Extras Serial #11036444
Get This: A Case Exclusive Heavy Duty Main Frame

Supporting front axle (Does not use engine block as part of frame) • 7 50x16 Front Tires • 14 9x28 Rear Tires • Independent 540 R P M PTO • Heavy Duty Cat I & II 3 Pt. Hitch • 2 Double Acting Hydraulic Remotes Outlets • 4 Way Flashers and Turn Signals on Front and Rear Wheel of each Fender - Roll Bar Optional

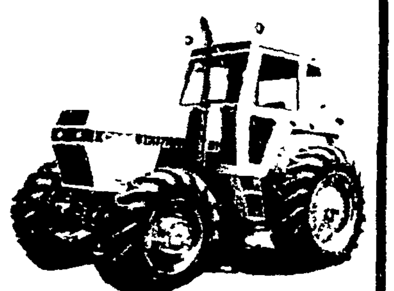


Reg Price . $16,425
OUR DISCOUNTED PRICE...
$9,748
No Interest Or Payments Till July 1, 1984
OR
8.8% A.P.R. Financing
For 48 months

OR
Pay Cash And Take An
ADDITIONAL DISCOUNT OF $950
Which Gives You
A LOW CASH PRICE OF $8,798
With Regular Rate Financing Available

NEW CASE 2090 DIESEL TRACTOR

With Mechanical Front Wheel Drive, 16.9x28 Front Tires, 20.8x30 Rear Tires, On The Go Power Shift Transmission, Cab, Air, Heat



FACTORY SELLING PRICE $55,454
WE WILL DISCOUNT THIS TO **$27,900**
And You'll Have No Interest Or Payments Till January 1, 1984, Then Interest Starts At 8.8% Up To 48 months.

OR
PAY CASH & GET AN ADDITIONAL $3000 OFF
CASH PRICE $24,900

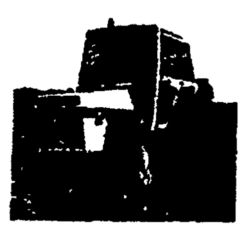
NEW CASE DEMONSTRATOR 1690 DIESEL TRACTOR

General Purpose Low Profile, 90 HP, 6 Cyl. Diesel Engine (Mechanical Shift - The Energy Tractor)
2 Year Warranty
IDEAL FOR GENERAL PURPOSE APPLICATION ONE ONLY
Serial #11213322

Book Price $28,746.75
DEALER DISC............. $12,111.75
SPECIAL....... $16,635.00
Add'l. Discount of $1,750 For Cash
TRADE IN NOW - Price Does Not Include Roll Bar Or Weights

NEW CASE 1490 ROW CROP TRACTOR

Standard Shift Transmission, 70 HP Diesel, Cab, Air, Heater, 540-1000 RPM PTO



Reg. Price..................... $25,084.00
YOUR PRICE ONLY............ $19,346.00

w/8.8% APR Financing for 4 Years
OR ADDITIONAL CASH DISCOUNT
Hurry Now!

OFFER ENDS OCTOBER 31, 1983

BINKLEY & HURST BROS., INC.
133 Rothsville Station Rd., Lititz, PA 17543
PH: (717) 626-4705
Business Hours: Mon.-Fri. 7 AM - 5 PM; Sat. 7 Am - 11:30 AM

Other Models Available At Good Prices -
Don't Let These Offers Go By!

NEW & USED EQUIPMENT SPECIALS

NEW TRACTORS:
JD 2440 w/Wts. Hilo
JD 2640 w/Wts. Hilo
JD 2150 2 Wheel & 4 Wheel Drive
JD 2350
JD 2950 4 Wheel Drive
JD 4050 Cab, Air, Power Shift
JD 300B Ind. Tractor w/Loader, Forward & Reverse, Back Hoe Available
Fiat Agra Power 4000 48 H.P., ALL EXTRAS...$5500!

REBATES & WAIVER OF INTEREST WITH JOHN DEERE FINANCING

NEW JOHN DEERE EQUIPMENT:
716 A Forage Wagon w/Hood

WAIVER OF INTEREST & JOHN DEERE FINANCING AVAILABLE

NEW NH EQUIPMENT:
353 Grinder Mixer
38 Chopper
782 Harvester w/2 Heads

WAIVER OF INTEREST & NEW HOLLAND FINANCING AVAILABLE

USED TRACTORS:
JD 2840 w/Roll Guard, with or without 158 Loader and Snowblade
JD 4430 Cab, Air, Power Shift, Turbo, Wts., PTO, 125 H P
JD 4020 Tricycle w/Wts., Side Console, Synchro Fenders
Ferguson T030 w/Woods 80 3 Pt Mower

USED MISC. EQUIP.
JD 444 Corn Head
JD 205 2 Row Corn Head, fits "40" Combine

NEW MISC. SHORT LINES EQUIPMENT:
Westfield 80 56' Auger - Transport PTO
Woods Rotary Cutters
Vicon & Lely, 3 Pt. PTO Fert. Spreaders
Ideal 14'x4' Pipe Farm Gate-$50
(4) 8"x16' Creosoted Poles-$40 ea.
(1) 8"x24' Creosoted Pole-$40

JUST TRADED!
JD 6620 SIDEHILL COMBINE
WITH 2 HEADS
2250 Hrs. Reconditioned — NICE SHAPE!

SPERRY NEW HOLLAND

John Deere
Lawn & Garden
& Snowmobiles

Many Short Lines
Of Machinery

New Holland
Machinery

Wheel Horse
Lawn Equipment

KERMIT K. KISTLER, INC.

Serving Our Customers Since 1945
Lynnport, PA 18066
State Highway Rt. 143
Phone 215-298-2011

NEW DEMO. TRACTORS AT SPECIAL PRICES

- JD 4050 QR, Cab........ Call For Our Low Price
- JD 2750 MFD, Cab ...... Call For Our Low Price

USED TRACTORS

JD 4430 Diesel
JD 2840
JD "LA" Tractor w/cult.
JD 50
JD 3020 Diesel
JD 420 w/Plow & Cult.
AC D17 Tractor
Case 1270 Tractor
Farmall Super A with Plow & Cultivator
Ford Dexter Tractor
MF Pony w/Equip.

SPECIAL! **WAIVER AVAIL. TIL SEPT. 1, 1984** SPECIAL!
On Used Combines!

JOHN DEERE 4420 COMBINE
w/13' FLEX PLATFORM — 435 HOURS!

Massey Ferguson 410 D w/Cornhead $7,000
MF 205 SP w/2-Row 38" Cornhead
Int. 715 Combine w/4-Row 30" Cornhead
JD 4400 w/Cornhead

NEW EQUIPMENT SPECIALS

Hesston 1750 Forage Harv. w/2-Row 30" Head	$9,500
JD 1710A Soil Saver	$4,475
JD 3960 For. Harv. w/3 Row Cornhead -Demo!	Call For Price!

USED EQUIPMENT

NI 323 1-Row Cornpicker, Good Condition
NI 322 2-Row Mtd. Cornpicker, Good Condition
JD 7000 30" 4-Row Planter
Gehl 120 Grinder Mixer
MF 17x7 DD Grain Drill, Good Condition
Fox Self-Propelled Harvester $5,500
Good Selection of 4 And 5 BOTTOM PLOWS

SHOTZBERGER'S EQUIPMENT

West Newport Rd., Elm, Pa.
(Between Lititz & Manheim)
Phone: 717-665-2141

WEIGHT BROKE THE WAGON DOWN

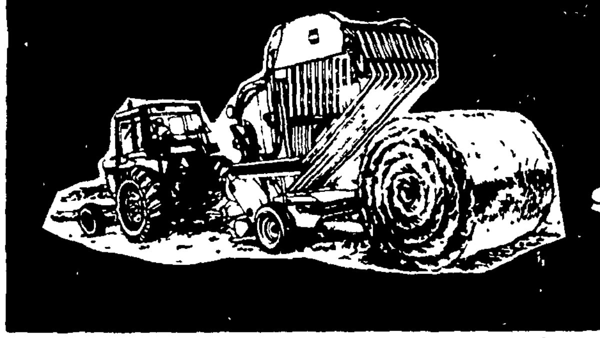
DON'T WAIT

All IH Special Programs & Prices End October 31, 1983.
BUY NOW FOR YOUR BEST DEAL

C & W Bargain Corral New Tractors & Machines

884 diesel row crop, 18.4x30 rear tires, 73HP ..... SPECIAL PRICE	$18,900
684 diesel row crop; 18.4x30 rear tires, 62.5 HP	$16,990
584 diesel utility, 16.9x28 rear tires, 52 HP	$14,800
584 diesel, 4 wheel drive, 52 HP	$17,750
584 diesel row crop, 16.9x3 rear tires, 52 HP	$13,725
56 blower	$2,550
#1300 3 pt. 7' sickle bar mower	$2,050
881 harvester w/2 row corn head and hay pickup	$16,885
560 manure spreader	$4,995
450 3-16 auto reset plow	$3,400
720 5-18 auto reset plow	$7,600
4500 16' vibra shank field cultivator	$2,650

WANTED: DEAD OR ALIVE ROUND BALER BUYER



One Only
IH 2400
Round Baler
$8,750

LOCAL GROWN USED TRACTOR

1066, 130 HP, 1975 model, cab, 20.8x38 rear tires, one owner, we sold it new, we serviced it, used 2500 actual hrs., guaranteed
$16,500

LOCAL GROWN USED TRACTORS & EQUIPMENT

Massey 255 diesel w Dunham quick tach loader, used 1150 hrs	$13,000
JD 2030 D w loader 75 model	9 850
IH 886 cab & air	18,750
JD 2010 row crop, needs engine work	1,950
1066 Black stripe, cab, exc cond	17,500
3200 skid steer loader, new paint	5,000
JD 430 wide front	2,500
IH 37 baler w thrower	1,450
IH 47 baler w thrower	1,850
IH 430 baler w thrower guaranteed	2,750
IH 37 baler	1,200
Papec blower good condition	650
IH 56 blower new ring, excellent	1,800
AC blower	400
IH 830 harvester w 2 R corn head	6,500
IH #93 combine	2,500
500 gallon Walsh sprayer	1,200
JD #345 4-16 reset plow, exc.	
IH #56 4 row planter, late model narrow row	
IH 370 disc harrow 11'6"	

NH 880 harvester w 2R corn head	3,700
D R Ellis 2 row transplanter	
Gleaner M 1974 model combine, diesel engine, cab, 13' platform with pickup reel & 4 row corn head one owner	18,500
IH 400 four row planter no till	2,850
IH #56 four row double disc planter	1,850
IH 400 6 row planter, no-till	3,750
Athens model 131 13' HD disk harrow equipped with Buster Bar and 4" cylinder	5,650
JD #130F 4-14 3 pt plow	850
IH 700 5-16 auto reset plow	2,950
IH 700 4-16 auto reset plow	2,250
IH #16 rake one owner	1,350
IH #35 rake 3 years old	1,875
IH 990 7' & 9' mower conditioner	
H #530 3-14 3 pt plow	650
Used lawn & garden tractors	900 and up
Farmhand loader	475
Badger forage box	1,400

Waiver of finance available till 9/1/84 on some items.
We ship parts by UPS daily We specialize in TLC guaranteed service

C & W EQUIPMENT, INC.

260 York Rd., Carlisle, PA 17013
717-243-4419

★ ★ SPECIALS ★ ★

TRACTORS **RAKES** **WAGONS**
PLOWS **FORAGE** **BALERS**

S.G. LEWIS AND SON, INC.

RD #2, Box 66, West Grove, Pa.
215-869-2214 or 215-869-9440

ALL HAY EQUIPMENT FREE FINANCE UNTIL 5/31/84

OTHER SPECIALS

SNH #782 Forage Harvester w/#824 corn head	$12,400
SNH #718 Forage Harvester w/#324 corn head	$9,650
SNH #25 Blower	$1,600
SNH #8 Crop Carrier w/roof & 238 wagon	$7,100

HAY

SNH #451 Mower w/7' Cutter Bar	$1,860

Don't be fooled by lower prices on "will-fit" parts. The *management of other brand dealerships recognize* the value put into genuine Sperry New Holland parts and service.

This is what made Sperry New Holland the leader and No. 1 in hay and forage equipment. When a problem arises or you need parts or service, call your authorized Sperry New Holland dealer.

TORQUE AMPLIFIER, CLUTCH & TRANSMISSION PARTS & SERVICE

Complete TA assemblies for 706 1586 are priced at $595 and come with a Dana Co Heavy Duty Sprag instead of the usual IH sprag **The Dana sprag is guaranteed for 2 years against failure** Sprag kits (includes sprag gear Dana sprag and piston carrier) and all *items for rebuilding your own TA* are available to qualified persons Ramps and carriers for the older style TA s (as in SMTA 340 560) are priced at $150 each and carry a 90 day guarantee We have all the parts needed to rebuild your TA in stock at *prices that will save you money* We also have a shop available for complete TA installation Or *you may split your own tractor and* bring the center housing to us which we can rebuild while you wait (approx 4 6 hrs) We also stock New and Rebuilt Water Pumps *Dynlife* Clutches Pressure Plat. . and PTO Drive Gears (Spline fit into pressure plates) *for most IH tractors and combines*

— QUALITY USED PARTS —

We buy and sell used parts and parts tractors We have a good selection of quality used parts at competitive prices Please have part no when calling if possible

SPECIAL SALE

New TA Clutch Disk For Old Style Torques, Part #375701, $80

Dealer Inquiries Welcome

J. EDWARD LEAMAN
Rt 1 Box 474
Willow Street, PA 17584
717-464-2874

PARTS MART

WILL SHIP SAME DAY VIA UPS - PPSH - BUS - AIR FREIGHT - ETC.

High Voltage Sale

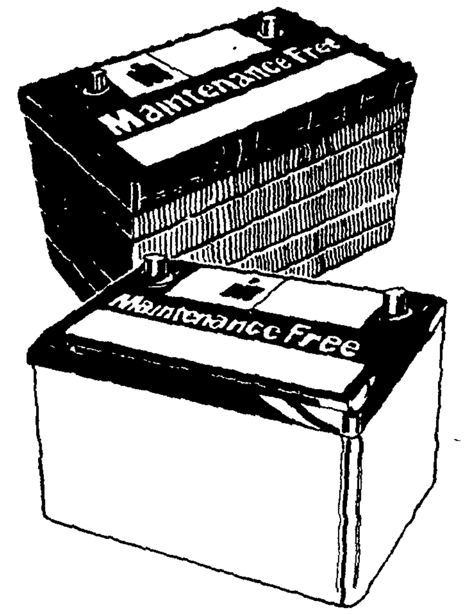
BATTERY SPECIAL

GROUP 24
TRUCK
12 VOLT ONLY **$35.95**

Don't get caught with your battery down!

We'll check out your battery FREE... And if you need a new one, we have quality IH batteries at savings of up to 38%

off regular IH suggested list price



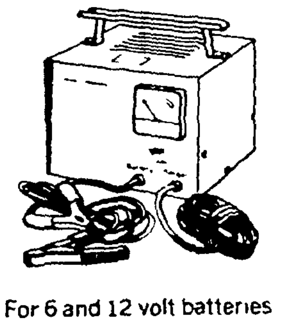
- Batteries to fit most domestic cars, trucks, and even many imports
- Maintenance-free and low maintenance types
- Top or side post terminals
- Generous trade-in allowance for your old battery
- Fully warranted

AGRICULTURAL EQUIPMENT

PARTS VALUE OF THE MONTH

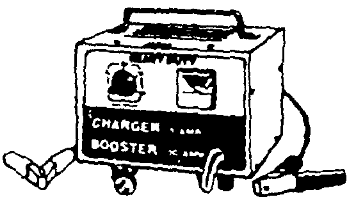
Start For Sure With An IH BATTERY CHARGER!

Four Outstanding Models:



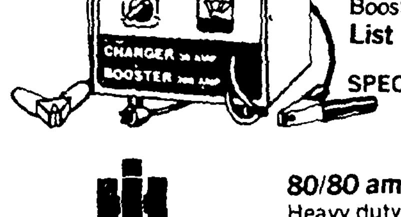
10-amp charger.
An excellent choice for home and farm

List	$59.35
SPECIAL	$49.95



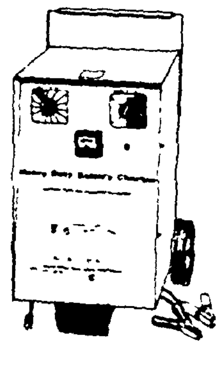
15-amp charger and booster
For 6 and 12 volt batteries Up to 100 amp boost

List	$113.35
SPECIAL	$99.95



30-amp heavy duty charger and booster.
For fast or slow charges on 6 and 12 volt batteries Booster has 200 amps capacity

List	$139.95
SPECIAL	$115.95



80/80 amp charger.
Heavy duty construction Charges maintenance-free batteries Multi position switch and time control

List	$269.95
SPECIAL	$242.95

One-year guarantee from date of purchase against defects of workmanship and material.

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

Radio Controlled Trucks For Better Service

C.B. HOOBER & SON, INC.

INTERCOURSE, PA (717) 768-8231 AUTHORIZED UPS STATION

VISA

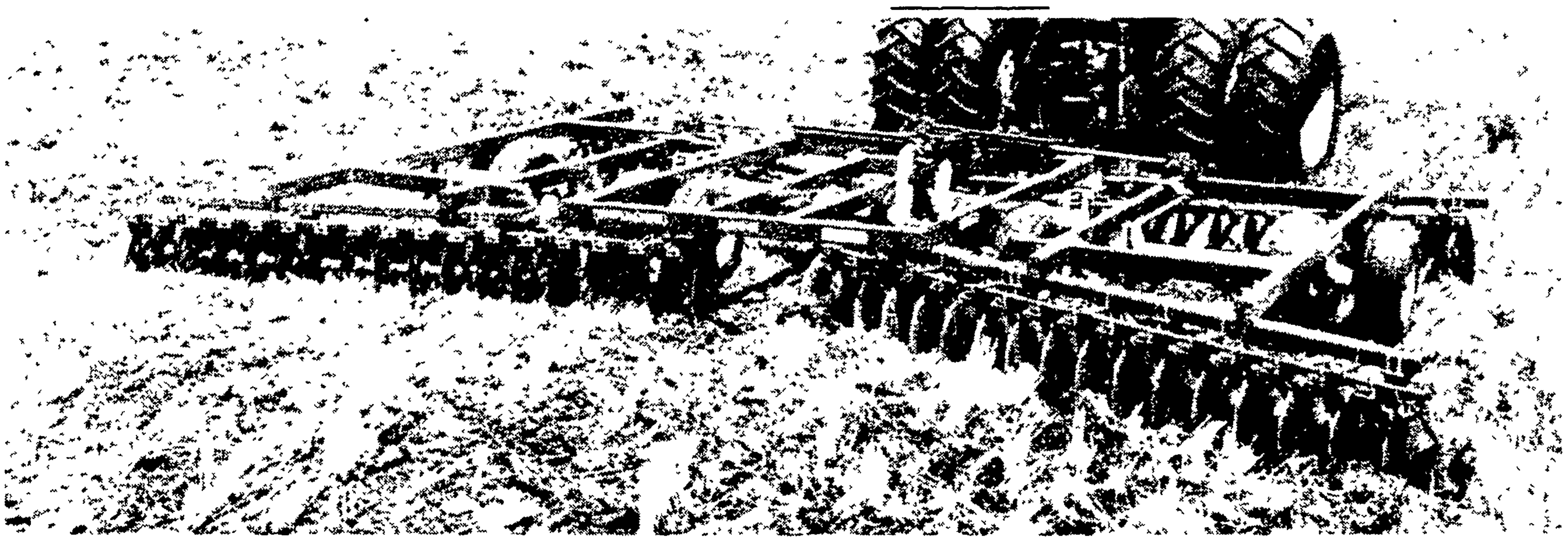
NEW is NEWS from KRAUSE PLOW CO.

4900 Series Rockflex Specifications

MODEL NO.	CUT WIDTH	ROAD WIDTH	ROAD HEIGHT	WEIGHT PER BLADE
4921	18'1"	13'2"	8'10"	160 lb.
4924	22'11"	13'2"	10'2"	150 lb.
4926	22'5"	13'2"	10'10"	148 lb.
4927	25'2"	13'2"	12'2"	140 lb.

Krause Plow Corp. has just introduced a new "flex-wing" tandem disc harrow, the 4900 Series, with up to 160 lbs. per blade

Check The Features On The NEW 4900 Series Disc



- NEW Drop-frame design for superior strength
- NEW Hydraulic Self-Leveling Tongue for better leveling jobs
- Large 1½" Diameter alloy tie rods with nuts on both ends.
- Unique Rocker linkage system eliminates slave hydraulics.

IN STOCK FOR IMMEDIATE DELIVERY

NEW EQUIPMENT SPECIALS

C6262	IH 720 Plow, 5F, 18 Auto.	$6,650
C6265	IH 720 Plow, 4F, 18 Auto.	$5,550
C7196	IH 350 Disc, 10'6"	$3,250
C7194	IH 350 Disc, 10'6"	$3,250
C5809	IH 490 Disc, 24'10"	$8,650
B5554	IH 2450 Loader, Quick Attach.	$3,175
B5555	IH 2450 Loader, Quick Attach.	$3,175
B5035	IH 2350 Loader, Quick Attach.	$2,500
E7653	IH 5100 Drill, 21x7 Plain w/Depth Press Wheels, Wheat And Soybean Special	$5,975
E7175	IH 5100 Drill, 21x7 Plain, Wheat and Soybean Special w/Depth Press Wheels	$5,675
E7178	IH 5100 Drill, 16x7 Plain, Wheat & Soybean Special w/Depth Press Wheels	$4,250
H7999	IH 550 Spreader w/Upper Beater	$4,750
D7019	4500 Vibra Shank Field Cultivator, 12'5"	$1,975
D7173	4518 Vibra Shank Field Cultivator, 18'6"	$2,850
D7172	4518 Vibra Shank Field Cultivator, 16'6"	$2,895
D7654	4518 Vibra Shank Field Cultivator, 18'6"	$3,100

USED EQUIPMENT

TRACTORS

TAG#	DESCRIPTION
W8629	IH 3588 2+2
W8379	IH 4166 4WD
W8035	IH 1466D w/Cab
W7372	IH 1466D w/Cab
W8307	IH F1456D No Cab, Duals
W7379	IH 1456D w/Cab
W8053	IH F1456D, No Cab
W7951	IH F1086D Frt Wts, Radio
W8648	IH F1026D Hydro, No Cab, New Paint
W8633	IH F1026D Hydro, No Cab
W8229	IH F966D No Cab
W8070	IH F966D w/Cab
W8647	IH F856D w/ROPS
W8346	IH F706D
W8579	IH F656G
W8165	IH 584 Low hrs.
W8045	IH 454G, New Paint
W7844	IH F450D
W8569	Farmall Super C w/Cult.
W8429	Farmall Super H
W7870	Farmall H w/Pulley
W8536	Farmall M w/Pulley
W7821	IH 4120 Skid Loader
W7183	Steiger ST251 w/20.8 x 34 Duals
W8631	Steiger PTA 280 w/3 pt.
W8546	AC WD
W8627	Deutz D5506-S, on Steel
W8626	Case 2670 4 WD w/20.8 x 34 Duals
W8640	Case 1030
W8534	Long 445
W7928	LeRoi Centour AG49 w/3 pt.
W8683	IH B414G w/Loader
W8684	IH 84 Hydro
W8727	IH 460 G w/1701 Loader
W8243	Deutz DX140

MISCELLANEOUS

TAG#	DESCRIPTION
V8371	Allied 265 Grinder-Mixer
U7321	Brady 1680 Flail Chopper
U8724	IH 1 PR Cornpicker
W8694	NI 504 Loader
U8719	Kools KB1000 Blower

TILLAGE

TAG#	DESCRIPTION
T8686	IH 350 10' Disk
T7049	Krause 2413 Disk w/3 Bar Tine Harrow
T8412	Krause 1112 Disk
T8616	JD 215 12' Rock-Flex Disk
T8439	JD TO-220 17' Disk
T8034	JD 110 10' Disk
T8166	JD BW 10' Disk
T7751	Miller 12' Disk
T7662	Miller 10' Disk, New Blades, Paint
T7413	Oliver 252 10½' Disk
T6033	AC 3300 24' Disk
T7945	IH 710 4F-16" AR Plow
T6470	IH 540 4F-16" Plow
T8329	IH 540 4F-16" Plow
T8363	IH 550 5F-16" Plow
T8366	IH 510 5F-16" Plow, Shifting hitch
T7688	Ford 4F-16" Plow
T6493	Glencoe 11 Shk Soil Saver
T8652	White 271, 18' Disk w/Inc. Boom
T8693	Glencoe 13 Shk Soil Saver

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

Radio Controlled Trucks For Better Service

C.B. HOOBER & SON, INC.

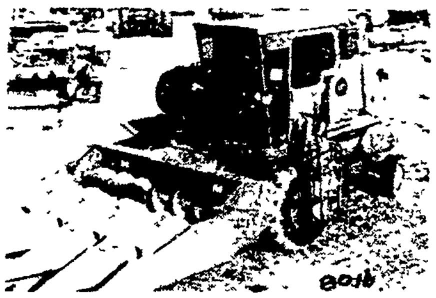
VISA

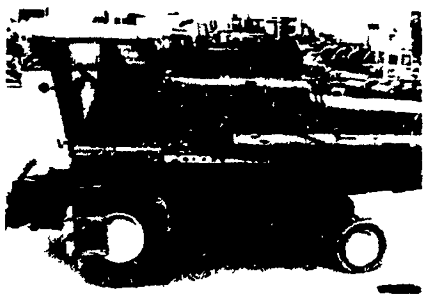
INTERCOURSE, PA (717)768-8231 - AUTHORIZED UPS STATION - MIDDLETOWN, DE (302)378-9555

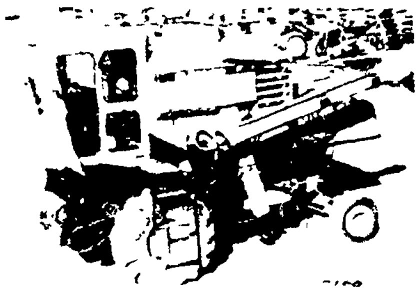
Why not buy your combine from a servicing dealer?

USED COMBINES AT LOW, LOW PRICES

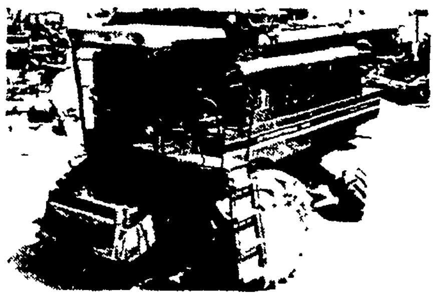
PLUS WAIVER OF FINANCE TILL SEPTEMBER 1, 1984

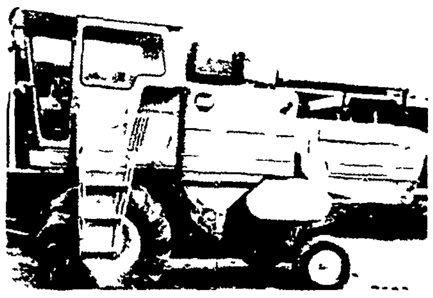

U8010 - MF 510D Hydro, A/C,
23.1x26 & 11Lx15, 1143
Cornhead & 13' Platform,
836 Hours
$22,500

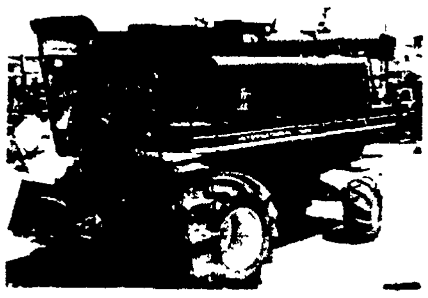

U7737 - Deere, 6600 Diesel, Gear,
28Lx26, 444 Cornhead &
13 Ft. Platform
$17,500


U7158 - AC, Gleaner F.
Gas w/330 Cornhead &
13' Platform
$13,900

U7138 - IH 915D Hydro, A/C,
28Lx26 Tires
$22,500


U7963 - IH 1480 Hydro, A/C,
Monitor, 30.5x32 & 18.4x16.1
$59,500


U7222 - MF 510D Hydro, 23.1x26
Tires, 63 Cornhead & 13' Platform
$13,900


U8421 - IH 1460 Hydro, A/C,
Monitor, 30.5x32, 18.4x16.1 Tires
1836 Hours, Reconditioned
$39,000

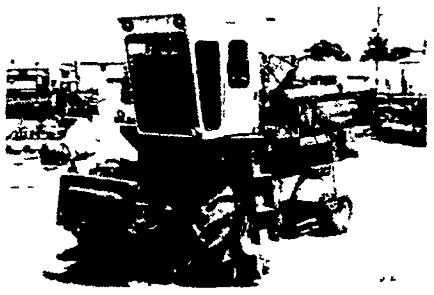
U7961 - IH 915D Hydro, A/C,
Monitor, 28Lx26 & 12 4x16,
1475.8 Hours
$19,800

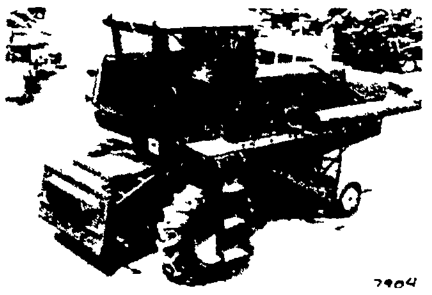
U8512

MF MODEL 300

Gas with 11 Ft. Platform,
3 Row Narrow Cornhead,
2 Row Wide Cornhead.

$4500


U7818 - IH 715D Hydro, A/C,
Monitor, 18.4x26 Rice Tires
$12,500


U7904 - Deere 4400 gas, 1991
Hours, 18.4x26 Tires with 13'
Platform
$12,900

U7244 - IH 815D Hydro, A/C,
23.1x26, 1899 Hours
$18,900

NEW AND USED PARTS FOR IH COMBINES

U8457

IH MODEL 715

Gas Hydro with
18.4x26 Tires, Model
810 13 Ft. Platform

USED CORNHEADS AND PLATFORMS

Your Pick Of Heads With IH Combines

U7964 - IH 883, 8 Row Narrow
U8544 - IH 883, 8 Row Narrow
U8545 - IH 883, 8 Row Narrow
U7064 - IH 863, 6 Row Narrow
U8138 - IH 863, 6 Row Narrow
U7438 - IH 863, 6 Row Narrow
U7639 - IH 863, 6 Row Narrow
U7936 - IH 863, 6 Row Narrow
U8673 - IH 843, 4 Row Narrow
U8697 - IH 843, 4 Row Narrow
U8037 - IH 944, 4 Row Wide
U8374 - IH 844, 4 Row Wide
U7819 - IH 844, 4 Row Wide
U6474 - IH 844, 4 Row Wide
U5966 - IH 844, 4 Row Wide
U9493 - IH 744, 4 Row Wide
U5817 - IH 744, 4 Row Wide
U3641 - Gleaner GKS 44, 4 Row Wide
U7719 - Gleaner A438, 4 Row Wide
U8014 - IH 820, 17½' Flex Platform
U5799 - IH 810, 15' Flex Platform
U4639 - IH 810, 15' Flex Platform
U7623 - IH 810, 15' Flex Platform
U7789 - IH 810, 13' Platform
U4638 - IH 810, 13' Platform
U8511 - IH 810, 13' Flex Platform
U4260 - IH 13' Platform
U5152 - MF, 14' Platform

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

Radio Controlled Trucks For Better Service

C.B. HOOBER & SON, INC.

VISA

INTERCOURSE, PA (717)768-8231 - AUTHORIZED UPS STATION - MIDDLETOWN, DE (302)378-9555

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

IH 715 Combine,

900 total hours, new engine 100 hours old, combine only $12,000
13' grain head, $3000.
Choice of 4 row wide or narrow corn headers, $5000 each

Will finance.
Can deliver.
814-443-4788

Engine Specialists Since 1915

WHITE ENGINES

Makers Of HERCULES Engine

The Diesel For:
- SHOPS
- GENERATOR SETS
- REPOWER, ETC.

Direct Injection Makes It Easy Starting

DIESELS OUR SPECIALTY

Let Us Know Your Service Problems
24 Hour Service - Check Our Prices

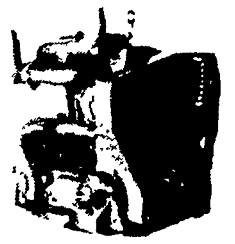
HOOVER DIESEL SERVICE

PH: 717-656-6133
2998 West Newport Rd.
Ronks, Pa. 17572
2½ mile East of Leola - Along 772

PH: 717-786-2173
RD 3, Box 91A
Quarryville, Pa. 17566
2 miles west of Georgetown on Furnace Road

DEALER INQUIRIES INVITED

Kirloskar DIESEL POWER



APPLICATIONS:
- Line Shafts
- Compressors
- Generators
- Farm & Construction equipment

LOW FUEL CONSUMPTION - LOW MAINTENANCE

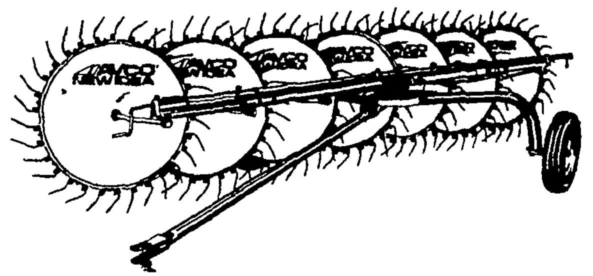
SALES AND 24 HOUR SERVICE ON ALL MAKE ENGINES

WARREN M. HALLIGAN

RD 1, Rt. 340 KINZERS, PA 17535
3½ miles East of Intercourse on Rt. 340
(717) 768-8446

Fall Specials...

NEW IDEA MODEL 404 SPEED WHEEL RAKE

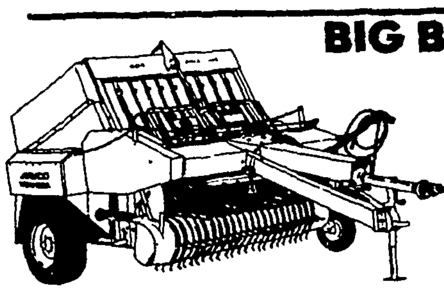


The 404 Wheel Rake is a high quality rake at a reasonable price. Rakes fast and clean in any field... smooth, uneven, contoured or hilly. Plus, it costs less to buy and less to maintain.

Was ~~$1,150~~

TRUCKLOAD SPECIAL **$1050**

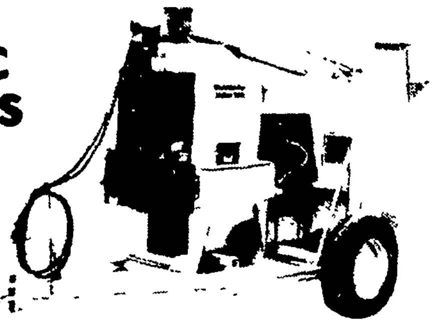
BIG BALER SPECIAL



BUY NOW AT DISCOUNT OR RENT LARGE BALER FOR $5 PER BALE!

AUTOMATIC ROLLER MILLS

In Stock And Available For Rental...



CASE 1490 IN STOCK!

- Serial #11183622
- 335 Hours
- One Only... Priced To Sell!

$15,000 (Without Weights)

ZIMMERMAN'S FARM SERVICE

Bethel, PA
Phone 717-933-4114

INTERNATIONAL AGRICULTURAL EQUIPMENT Badger WOODS Division of Hesston Corporation OREGON ILLINOIS 61061 bobcat

★ ★ MONTHLY SPECIALS ★ ★

USED	
IH 715 Combine w/13' Hd & 743 Cornhead	$14,900
Oliver #5 Cornpicker	$1,300
Case 4Fx16" Semi Mtd. Plow	$775
IH 3pt. 12.5' Vibra Shank	$1,175
JD No. 34 1-Row Chopper	$630
IH 6F Semi Mtd. Plow	$2,300
IH No. 16 1-Row Chopper	$250

NEW	
IH 5088 with Cab	$36,158
IH 5288 with Cab	$39,950
IH 3288 with Cab	$24,450
Glencoe 9' 3-Bar Soil Saver	$6,875
Glencoe 7' 2-Bar Soil Saver	$6,275
IH 684D RC	$16,094

USED EQUIPMENT

USED EQUIPMENT

Tractors
IH F460D
IH F460
IH F400
Farmall H
Farmall C w/Cult.
Ford 860
JD 530
JD 1010
JD 4020D

Tillage
IH 496 24' Folding Disc
IH 122 Disc 3 pt. 8'
IH 45 Vibra Shank 3 pt. 12'
JD 9' Disc Harrow
IH 24 Offset Disc
Brillion Spring Tooth 16'
IH 45 Vibra Shank 14'5"
Dunham Cultimulcher 10'
Taylor Way Disc 12'

Plows
IH 735 5F Plow
IH 211 2F 16"
IH 311 3F 16"
IH 312 3F 16"
IH 411 4F 16"
IH 560 4F 16"
IH Disc 3F Plow
IH 531 3F 14"
IH 550 Plow
IH 450 Plow
JD 314 3F 3 pt.
Oliver 2F Trail Plow

Planters & Drills
Tye No Till Drill, 8 ft.
Ontario 13x7
JD 15x7
IH 6200 Press Wheel Grain Drill
IH 400 Cyclo 4R.
IH 500 6 Row No Till
IH 449 4 Row
IH 56 4 Row
IH 249 2 Row

Skid Loaders
Bobcat 543
Bobcat 500
Bobcat 700
IH 3200
Gehl 2600
Case 1740D

Forage Harvesting
IH 550 For. Harvester
IH 650 For. Harvester
IH 350 Direct Cut
JD 6 For. Harvester
JD 34 For. Harvester
Fox 546 For. Harvester
NH 42 Blower
IH 56 Blower
NH 23 Blower
IH Hay Pickup 550/560
NI Bale Wagon
Papec Silage Wagon
IH 990 9' Mower Conditioner
IH 272 Mower
JD 14T Baler (2)
AC 303 Baler
Dearborn Rake

Combines
IH 76 Combine
IH 91 Combine
IH 127 Combine
MF 35 Combine
Oliver 40 Combine
IH 429 Corn Head
IH 227 Corn Head
IH 725 Corn Head

Miscellaneous
Sauder 7' Snow Blade
Dunham 22 Loader
IH 2000 Loader
IH 2001 Loader
IH 175 Spreader
IH 540 Spreader
NI 214 Spreader
NH 346 Tank Spreader
Hawk Bilt 187 Spreader
Danuser 8' Blade
Flail Mower 5' 3 pt.
Century 500 gal. Sprayer with new Pump

SPECIAL SERVICE SALE!

UP TO...**15% DISCOUNT** ON LABOR!

UP TO...**10% DISCOUNT** ON PARTS INSTALLED IN OUR SHOP!

- Offer Good On Jobs Scheduled Thru Nov. 30, 1983

RENTAL EQUIPMENT

Bobcat Loaders
Tye No Til Seeder
Farmhand Grinder Blower
Space Heaters
Chain Saws
Lawn Mowers
Wood Splitters
Generators

PARTS & SERVICE

Both Shop And Field Repairs By Trained, Certified Mechanics!

SB Swope & Bashore, Inc.

Under New Management

OPEN MONDAY TO FRIDAY
7 AM To 5 PM
SATURDAY 7 AM To 11:30 AM

RD 1, Myerstown, Pa.
Located 1 Mile S. of Int. 78 & 6 Miles N. of Myerstown on Rt. 645 in Frystown
PHONE: 717-933-4138

Area Codes 215 & 717 Call Toll Free 1-800-692-7467

MORIDGE
GRAIN DRYERS

Dry all types of grain... Corn, Wheat, Soybeans, Milo, Rice, Barley, Flax, Sunflower and Rape seed, and many others.

Capacity: 275 bushel

FEATURING:

- Modulating temperature control varies amount of heat according to grain temperature, rather than air temperature
- Manually set timer controls length of drying time
- Center recirculating auger and loading auger are telescoping shaft and gear box driven Only the fan is belt driven
- Tractor P T O speed of only 400 to 420 r p m
- Tractor P T O speed may be increased for load unload cycles

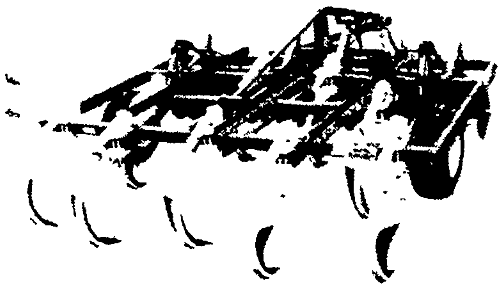
Special...One Only

MORIDGE MODEL 275
GRAIN DRYER

List Price $7,875.00

Pickup At Our Price $4800.00

GLENCOE 7 TOOTH SOIL SAVER
w/new style long frame
Demonstrator - Ready To Go
SALE PRICE $5,800



- New Brady Chisel Plow
  SALE PRICE $1,125
- New MF mounted 3 & 4 bottom plows in stock
- Used MF 880 automatic reset 6-18" bottoms, only used 150 acres, has land hitch for dual-wheeled tractors
  SALE PRICE $7,500
- Used Glencoe Soil Saver, 5 tooth
  SALE PRICE $3,600

GRINDER MIXERS

- New Gehl 135 mills in stock .... Priced to Sell
- Used Gehl 120 grinder mixer with scale and folding auger, completely reconditioned $5,800

New Gehl Grinder Mixers have a Delayed Payment Program till Dec. 10-1983

SKID LOADERS

- New Gehl 4510 includes Ford water cooled gas engine, flotation tires, fork and bucket .... Sale Price $13,500
- Used Gehl 4500 Ford water cooled gas engine, year 1979 with bucket and fork .... Sale Price $8,800
- Used Gehl 4400 Ford water cooled engine, year 1976 with bucket and fork .... Sale Price $6,600
- Used John Deere 125 diesel, water cooled 40 HP with buckets and fork, late model .... Sale Price $9,100
- Used Owatonna 310 16 HP with 2-buckets, good condition $3,600
- Used Hydra Mac, 24 HP $3,995

MISCELLANEOUS

- New Century sprayer, 500-gal. tank, 42-ft. boom $3,400
- New Hawk-Bilt 2155 tank manure spreader, 152 cu. ft. 676 gal. $4,500

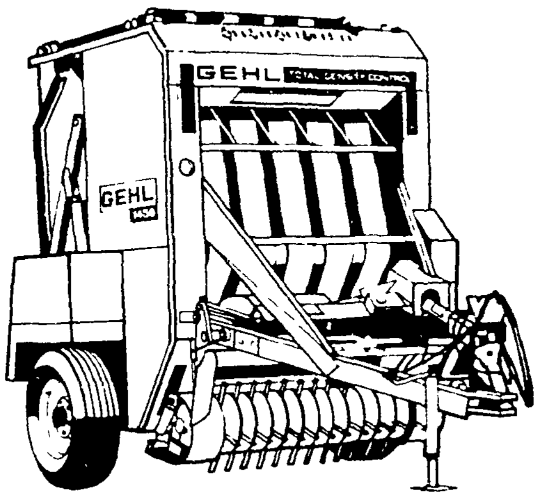
LEBANON VALLEY IMPLEMENT CO., INC.
700 E. Linden St. Richland, PA 17087
(717) 866-7518

GEHL *Gets into your system*

DISCOUNT PRICES

GEHL *Gets into your system*

Delayed Payment Till July 1, 1984



Gehl's 1450 round baler offers Total Density Control (TDC) with its patented "air-draulic" baling system. Choose the size of the bale's center core and density of the outer wrap according to your operations's needs and crop moisture content. Find out more about how Gehl Put Good Ideas to Work in the 1450 round baler's TDC system....stop by for a demonstration!

Gehl 1450 Baler...... List $10,640...... SALE PRICE $8,795
with delayed payment program till July 1, 1984

Gehl FC7200 Flail Chopper, 6 ft. wide cut
List $5,895 .... SALE PRICE $4,575

Gehl 2160 Mower Conditioner 9 ft. cut
List $8,780 .... SALE PRICE $7,245

Gehl 2230 Mower Conditioner 12 ft. cut
List $12,660 .... SALE PRICE $10,300

Gehl Model 806 Running Gears, 8 Ton with 15x8 wheels
and extendable hitch ...... List $967 ...... SALE PRICE $775

NOTICE
Clearance Sale on New MF Equipment

AT INVOICE PRICES

Plus MF financing at low rates or waiver

- MF 1010 Tractor with 48" mower, 16 HP Diesel
- MF 205 Tractor, 20 HP Diesel w/3 point hitch
- MF 245 Tractor, 42 HP Diesel w/3 point hitch

MF 265 Tractor, 60 HP Diesel .... Invoice $15,700
.... Your Price, Straight Sale $12,500

- MF 270 Diesel, 55 HP, 8 speed trans.
- MF 270 Diesel, 55 HP, 12 speed multi-power
- MF 290 Diesel, 65 HP, 8 speed trans.
- MF 290 Diesel, 65 HP, 12 speed multi-power

MF 670 Diesel, 55 HP, 12 speed sychromesh trans with 4 wheel drive and cab with air .... List $32,794
Invoice $25,700 .... Your Cash Price $22,000

- MF 274, 55 HP Diesel, 4 wheel drive with 236 front end loader
- MF 2640, 90 HP Diesel, 16 speed M.P. trans., 4 wheel drive with cab and air...... List $42,093 ..... Invoice $32,670.61 .... Your Price $31,000 plus you have 9.9% financing

---

- MF 1143, 4 row narrow cornheads
- MF 1163, 6 row narrow cornheads
- MF 120 hay baler
- MF 228 hay baler with 212 hyd thrower
- MF 345, 3 bottom hyd. plow

We are selling these items at invoice or below, most items can be financed, some at 9.9%
Offers good on in stock items till Oct. 28, 1983

Call For Details

Your Business Machines

LEBANON VALLEY IMPLEMENT CO., INC.
700 E. Linden St. Richland, PA 17087
(717) 866-7518

USED TRACTORS

Waiver of Interest until March 1, 1984

- '64 JD 4020 Diesel, wide front
- '68 4020 diesel, wide front
- '68 4020 diesel, power shift, cab
- '76 JD 8630, 4WD w/dual 30.5x32 - 24.5x32 dual tires, 3765 hrs., nice condition
- TO-30 Ferguson
- '78 AC 185 diesel, rollguard w/front end loader

CORN PLANTERS

Waiver of Interest until April 1, 1984

- '82 AC Model 333, 15-20" Row, No-Till Bean Planter, Dry Fert., Insecticides
- JD 7000 8-30 Dry Fert. No Till Coulters Insecticides, Monitor
- IH 6-30 air planter
- JD 1250 plateless

USED CHISEL PLOWS

- IH 13', 3 Pt.
- Graber 26" Flex

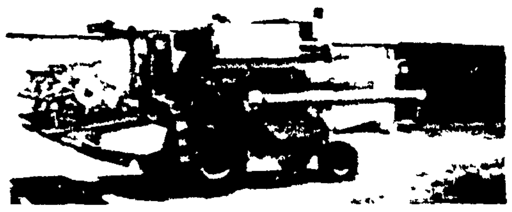
USED PLOWS

- JD F145 - 5-16 Semi Plow
- JD F145 - 5-16 Semi Plow w/harrow attachmant

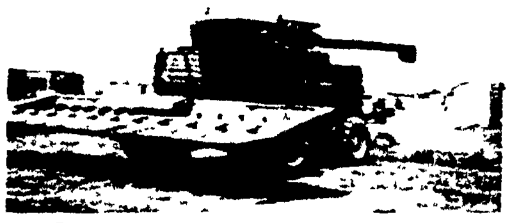
USED COMBINES

Waiver of Interest till September 1, 1984

- '73 JD 7700, hydrostatic drive, turbo, 16' platform
- '71 JD 7700 - 220 Flex Platform
- '74 JD 7700 - Rotary Screen, Mud Hog Drive, 16 Ft. Platform
- '75 JD 7700 - Rotary Screen, 16' Platform



- '79 TR-70 NH w/15' flexbar & 6-30 corn head, 2 yrs. old, 784 hrs $29,250 complete package



'81 JD 8820 4 wheel drive, factory duals, 1100 hrs., w/1243 corn head & 220 flex cutter bar, exc. shape

CORN HEADS

Good Selection of John Deere
443-444-643-843 Cornheads

MISCELLANEOUS EQUIP.

- Bish head adapter to install JD corn head on NH TR70 combine
- JD 653 row crop bean head
- JD RG4 cultivator
- M&W 450 grain dryer, PTO dry
- JD 210 14' disc harrow
- JD 38 Harvester w/2 RW Head
- JD 38 Harvester, Electric Controls, w/2 RW Head, 5½' Pickup Attachment
- JD RG8 Cultivator, 8-30" Rows
- Tye drill 24 tine, double disc opener, 3 pt. hitch
- Caldwell grain cart, 700 bushel
- IH 13' 2 bar chisel plow

W.N. COOPER & SON, INC.
Morgnec Rd. Rt. 291
Chestertown, MD
301-778-3464

NEW EQUIPMENT SPECIALS

White 2-105 cab, air, $27,000
2-75 $18,000

NEW PLANTER SPECIAL

543 6 row and 5100 6 row with monitor.

TILLAGE TOOLS

348 3 bottom 18" plow, $2700
435 conservation chisel plow, $5100
423 chisel plow, 12' mounted, $2700
281 10'10" offset disk harrow, $6800
MF 285 MP $17,500
290 MP, $16,500
550 hydro, combine, base unit, cab, air, $45,000
13' grain table, $4700
1143 corn head, $9000
1163 corn head, $12,800

GEHL

1450 round baler demo, $8900
4610 skid loader, 2 bucket, $15,500
1850 round baler, $11,500
DC 1080 disk mower, $9900
SL 3510 skid loader, 2 buckets, $11,500
MC 1090 mower conditioner, $6800
CB 1000 forage harvester with tandem axle, $11,500

KUBOTA

M 6950 DT tractor, 4WD, 65 HP, $21,500
M 4050 2WD, 42 HP, $10,500
M 4950 tractor, 2WD, 47 HP, $14,500

ARNETT'S GARAGE
Hagerstown, MD
301-733-0501

USED EQUIPMENT

50% TO 60% OFF
NEW LIST PICKER PARTS

Snapping rolls, gear boxes & divider snouts for most NI 2 row pull pickers. Final drives & transmissions for most Uni tractors and some Gleaner & IH combines. Complete turbo & exhaust system for Perkins 354 6 cyl. turbo engine.

1968 JD 55 square back w/343 corn head
Uni 705 diesel w/737 husker & 738 or 844 narrow or wide corn head
Uni 704 w/737 husker, same heads as above
Uni 767 Super chopper w/minor fire damage $1650
IH 1086 w/cab & air
Farmall 856 w/cab
Farmall 1066 w/cab
JD 4010 Gas
Uni 717 Combine
Uni 701 w/3R Head & Husker $8750

RAYMOND B. LEAMAN
Willow Street RD 1
Ph: Lancaster 717-464-2778
Midway between Lancaster & Quarryville
off Rt. 222 take Brenneman Road
at Graybill Bros. Garage, Refton.

Used Equipment Specials...

Case 646 Loader and Backhoe	
Used wood splitters	
Woods 80" 3 pt. Rotary Mower	$750
Giant-Vac 10 HP Lawn Vacuum	$595
JD 4-Bot. Plow	$795
B 7100 4 Wheel drive Kubota. 500 hrs.	$4,800
PiX tone 30" Stone Picker	$595
Farmall Super C w/Sickle Bar, Excellent Cond	$1,250

New Equipment Specials...

Yanmar 15 HP 2-WD	$3,695
Yanmar 15 HP 4-WD	$4,100
AMCO Disk	$4,495
Landoll 7 Tooth Chisel Plow	$1,500
Fuerst Flexible Tine Harrow	$650
500 Gal. Field Sprayer, 35' Boom	$1995
3 pt. Backhoe	
3 pt. Cordwood Saw	
3 pt. Hookup Cement Mixer	

MARTIN HARDWARE & EQUIPMENT CO.
1½ M. south of Schaefferstown, Pa.
on Rt. 501
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Open Mon.-Fri. 8 to 8; Wed. 8 to 12, Sat. 8 to 5

Authorized Service Center for Wisconsin Engines

FISHER ENGINE SERVICE

3141 Old Philadelphia Pike
Bird-in-Hand, PA 17505 717-768-3729

- New engines from 3 to 65.9 hp in stock
- Factory-built parts
- Factory-trained service

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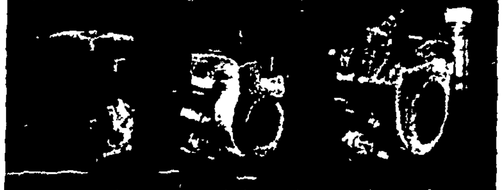
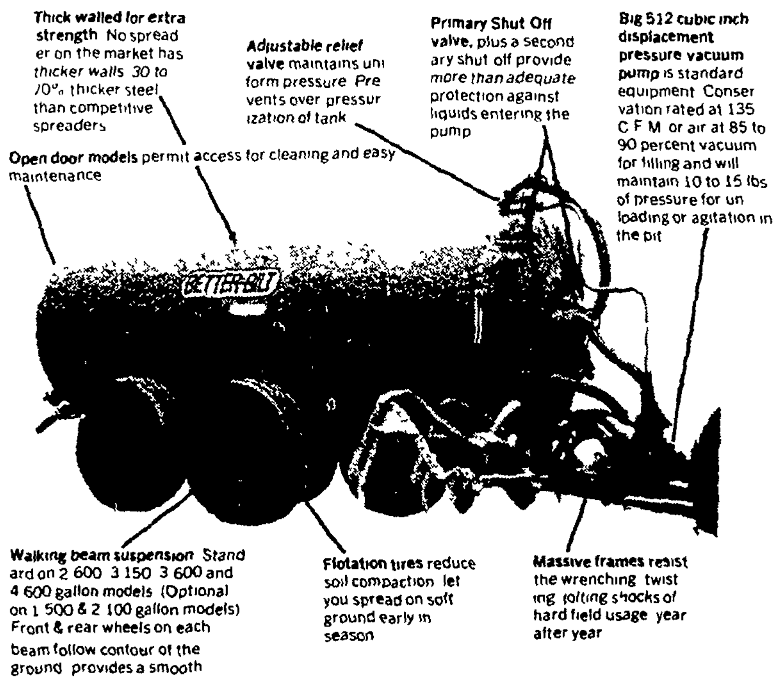


complete sales and service help on all Wisconsin engines

BRICKERVILLE EQUIPMENT

SALES * SERVICE * PARTS
537 E. 28th Div. Hwy. Lititz, PA 17543
717-626-6198

Outstanding Features


Thick walled for extra strength No spreader on the market has thicker walls 30 to 70% thicker steel than competitive spreaders
Adjustable relief valve maintains uniform pressure Prevents over pressurization of tank
Primary Shut Off valve, plus a secondary shut off provide more than adequate protection against liquids entering the pump
Big 512 cubic inch displacement pressure vacuum pump is standard equipment Conservation rated at 135 C F M or air at 85 to 90 percent vacuum for filling and will maintain 10 to 15 lbs of pressure for unloading or agitation in the pit
Open door models permit access for cleaning and easy maintenance
BETTER-BILT
Walking beam suspension Standard on 2 600 3 150 3 600 and 4 600 gallon models (Optional on 1 500 & 2 100 gallon models) Front & rear wheels on each beam follow contour of the ground provides a smooth level ride
Flotation tires reduce soil compaction let you spread on soft ground early in season
Massive frames resist the wrenching twisting jolting shocks of hard field usage year after year

Sizes - 800 gal. thru 4600 gal.
Both vacuum & augermatic spreaders for truck mount or trailer type

1 - 1974 Ford LT 9000 tandem axle tk tractor with PT 270 Cummins engine, 6 speed Fuller trans., power steering, air slide 5th wheel, good 10.00x20 tires.

SPECIALS

1 - Used JD 430 Tractor, WF Axle, Nice Cond.
1 - Used 2 Knife Plow Down Attachment For 3150 Spreader, Used Very Little
2 - Used 1500 gal. vacuum spreaders, one with plow down attachment, both in good condition.

Attn: Shop Mechanics
1 - Used John Beam front end allignment tool, complete

CALL US FOR YOUR NEEDS OF

- Farrowing Crates
- Lagoon Pumps
- High Pressure Pumps

Buy at Dealer Invoice

Model	Invoice Price*
(1) 214 Spreader w/217 Sngl Btr. w/Hydraulic Endgate	$3,973.64
(1) 243 Spreader w/Sngl. Btr. w/Hydraulic Endgate	$4,666.40
(1) 244 Spreader w/Sngl. Btr. w/Hydraulic Endgate	$6,435.07
(1) 245 Spreader w/Sngl. Btr. w/Hydraulic Endgate	$7,172.35
(1) 325 Corn Picker 2-row-N w/ Secondary Beater w/327 12-roll Husk Bd.	$11,698.39
(1) 119 Fertilizer Spin Spreader	$988.00
(1) 713 UNI Cutting Platform	**Special Price**
206 Ground Driven *Manure Spreader*	**Special Price**

* Plus freight, set up & handling, tires & miscellaneous items where applicable

We're Dealing Straight From the Invoice

Now, for a limited time, we'll sell selected New Idea equipment on our lot at the factory invoice price.

We are sacrificing profits now to lower our inventory investment cost during the winter months.

THINK ABOUT

- Our low prices
- Your trade in allowance
- Investment tax credit
- Re-Investing your PIK income

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FACTORY INVOICE PRICING

See us now. Check the invoice and save on top quality New Idea equipment at our lowest possible price.

AVCO NEW IDEA

LANDIS BROS., INC.
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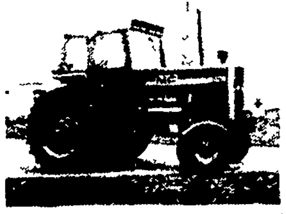
Lancaster, PA 17601
Phone: 717-291-1046

PRICES REDUCED



(3) 1155 MF TRACTORS
(1) w/cab
(1) without cab

Low Hours
Will Trade

Also full set of weights and duals

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USED TRACTOR PARTS

Notice: We're Dismantling
The Following Tractors
For Parts:

- CASE 1070
- DAVID BROWN 1200
- CASE 530

BINKLEY & HURST BROS., INC.
PH: (717) 626-4705

Farm Equipment

Gehl corn harvester with engine $575
Gehl corn harvester less engine $375
Gehl silo filler with pipe $200
Chrysler power plant $200
300 Gallon Sunset Milk Tank with compressor $400
Take it all for $1500

Oakeside Farm
Boonton, N J
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Mix Mill
Bucket
Elevator
Dryer
Hog Feeders,
etc.
Owner Retiring
Make Offer
1-301-833-5228

For Sale

1980 Massey Ferguson
760 combine
63C corn head
15 ft floating
bean head
630 hours
Absolutely like new
Financing to
qualified buyer
717-437-2129

EQUIPMENT WITH EXTRA 5% DISCOUNT

Now Thru October 31st

WHITE TAG SPECIALS

Come in now and get our best price on selected new International tractors and equipment!

Prices on new International tractors combines planters tillage hay and forage equipment never have been lower We're "tagging" our outstanding values with special White Tags to call attention to our best buys.

Come see how you can save more on new equipment and improve your bottom line Offer expires October 31 1983

SAVE EVEN MORE! Buy now and get special financing on all White Tag Specials

Come in early. Prices are subject to equipment availability!

INTERNATIONAL HARVESTER

- 5500 11 Ft. Mounted Chisel
- 5500 13 Ft. Mounted Chisel
- 4500 Field Cultivator
- No 10 SOLD oiler, 15'4"
- 730 5-B SOLD ri-Width
- 735 6-Btm. Vari-Width
- 1350 Grinder Mixer
- 781 For. Harv. & 2 Row Head
- 820 15 SOLD eader
- (1) 595 Spreader
- (2) 560 Spreaders
- 4130 Skid Loader, Rental
- 183 4-Row Cultivator
- 1190 Mower Conditioner - 14% Disc.

ASK ABOUT IH RED EDGE
"PERFORMANCE SAVINGS"
NEW 30 and 50 SERIES TRACTORS
Best Cash Prices Ever
On
All Equipment Now

- ★ IH 3288
- ★ 3688 - w/ROPS - Demo Special!
- ★ IH 6388 - 4 Wheel Drive - 130 HP - 540/1000 PTO
  Extra Special Price — Buy A Real 4WD
  At The Same Price As An Add-On 4WD!
- ★ 5288 - Rental Demo, Special

USED EQUIPMENT

TRACTORS:
IH 1566 D., Cab & Air, 30.5x32 tires, new TA, Real Nice - $16,500/Now $14,500
(2) IH Farmall "C"
Int. F12 w/cult.
Int. 400 Farmall, Real Nice!
IH 1066 D w/Cab & Air - Real Nice!
IH 766 D, Black Stripe
IH 806 Diesel
IH 560 Gas, 400 Gas
MF TO-20 w/Turf Tires
MF 33 w/3 pt. Hitch
MF 65 Diesel w/MF Loader

HAY & FORAGE EQUIPMENT:
MC 60 2-Row Shredder, Like New
IH 105 Forage Wagon, Rebuilt
(3) IH No. 51 Forage Wagon
IH #5 Flail Chopper
IH #8 Flail Chopper, Like New
33 NH Flail Chopper
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
550 IH Chopper
AC 6' Trailing Mower
IH 990 9' Mower Cond.
1014 Hesston Mower Cond.
IH 27 Baler w/Thrower
IH 47 Baler w/Thrower
IH 440 Wire Baler w/Thrower
NI Round Baler, Like New - $6950!
New - 451 NH 9' 3 pt. Hitch Sickle Bar
Kuhn GF 452 4-Star tedder, Nice Shape
5026 Elec. Wheel, 8 ton Gears

LAWN & GARDEN:
IH 127 w/Mower, Recond.
IH 1650 w/Mower, Like New
IH 682 w/Mower, Like New
IH 782 w/Mower, Like New
IH 100 w/38" Mower

TILLAGE:
Pittsburg 9'1" and 11'6" Disks
JD 3 pt. 3 Bottom 14" Plow
IH 500 D SOLD row
JD 110 12' Disk, Good Shape
IH 370, 350, 37, 35 In Various Sizes
Cub 2-Way Plow
Oliver 4-Bot. Semi-Mtd. Plow
IH 11' Trailing Chisel
IH 440 4-Bot. Plow
IH 700, 5 Bot., 18" Plow
IH 700 6 Bot. 16" Plow
IH 550 5-Bot. 16" Semi-Mtd. Plow
IH 540 4-Bot. 14" Semi-Mtd. Plow
IH 531 3 pt. 3 Bot. Plow
IH 311 Fast Hitch Plow, 3 Bot.
AC 1-Bot. Trailing Plow
MF 880 5-Bot. Auto. Reset
MF 3 pt. Mtd., 3 Bot. Auto Reset Plow, like new
Glencoe 18' Field Cultivator
Vicon 10' Power Harrow — ~~$2,500~~ — ~~$2,300~~ — $2,000

PLANTERS:
IH 455 4-Row
IH 658 6-Row Narrow Dry Fert.
4 & 6 Row Cyclos, Field Ready!
JD FBB 17x7 DD
IH No. 10 13x7 Plain Drill
IH No. 10 16x7 SD, Comb. Drill
Oliver 24x6 Combination Drill
MF 13x7 Comb. Drill

MISCELLANEOUS:
Used CP Model 250 Rotary Vane Air Compressor w/IH 282 Diesel Engine Mounted on CO 1600 Int. Truck - ~~$3800~~ — ~~$3,650~~ Now $3000
Shaver 3 Pt. Hitch Post Driver

COMBINES:
715 Diesel Hydro w/13' Floating Cutter Bar
810 13' Cutter Bar
MF 410 Gas, w/34 Corn-head & 13' Platform
FKS Gleaner Diesel 4 Row Wide, 12' Platform
MH 35 SP 8' Platform, Fair Shape
AC Model C2, 1969 Gas, 14' Platform, 4 Row Wide Cornhead — $5500!
Waiver To 9/1/84

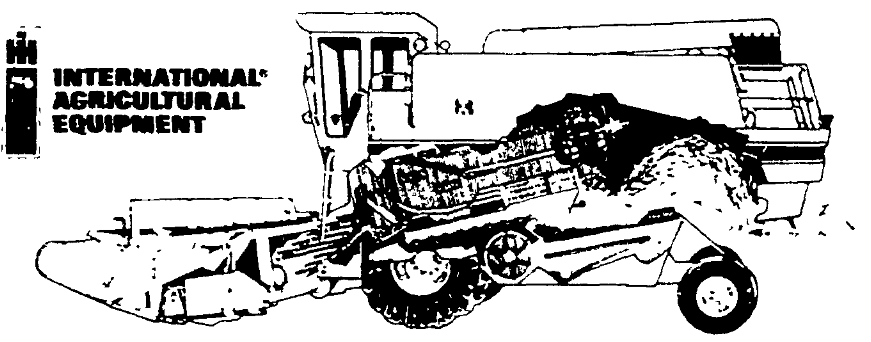
IH 315 Hydro w/12' Platform, Field Ready
IH 315 Hydro (For Parts)
IH 403 w. 4-Row Wide Head & 12 ft. Grain Platform
IH 315, 2-Row Wide Head
IH 203 w/2 Row Head
IH 227 Cornhead, fits 315, 205 or 203
IH 234 Picker w/Husking Bed, Mount for 656 Farmall
Set of Tires & Rims for 1420 Combine - 23x134 Rice tires

MATERIALS HANDLING:
IH 1150 Grinder Mixer
IH 2250 Loader for Farmall Tractors
Farmhand Loader for IH 74 Series Tractor
157 Hawk Bilt Spreader - was ~~$995~~ Now $695
NH 512 Spreader w/End Gate
NI 12A Gr SOLD rive Spreader
NI 212 Spreader, PTO, flail type
200 Gal. Century Sprayer, Piston Pump

COMBINE HEADQUARTERS

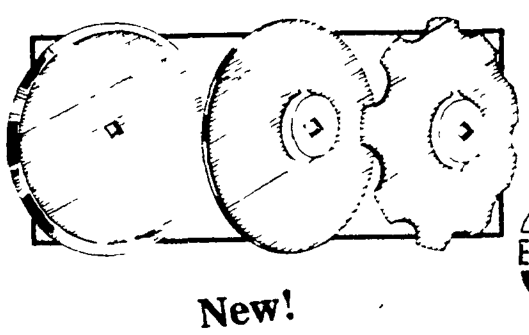
★ Check With Us Before You Buy! ★

INTERNATIONAL AGRICULTURAL EQUIPMENT



- ★ IH 1420 Combine - In Stock - Old Price! - Demo!
- ★ 963, 944, 943 Heads In Stock! - Old Price Plus White Tag Special
- ★ 820 15' Floating Cutter Bar
- ★ 810 15' Cutter Bar (Old Price!) - White Tag Special

We Specialize In IH Combine Parts and Service



IH DISK HEADQUARTERS!

New!

EARTH METAL

EARTH METAL DISKS:
60% Stronger!
20% Longer Life!

IH 496 FLEX WING DISK HARROWS WITH EARTH METAL DISKS!

New For 1983...
22'2" - 7½" Spacing, Cushion Gang - Model 496

Others In Stock...
19'1" - 9" Spacing, Regular Gang
19'1' - 9" Spacing, Cushion Gang
22' - 9" Spacing, Regular Gang

CALL US FOR IH DISK HARROW PARTS IN STOCK!

IH GRAIN DRILLS

- In Stock - Ready For Delivery •

16 SOLD ain
18x7 Plain
16x7 Comb.
20 SOLD in
21x7 Plain, old Price!

IH SUBSOILERS-IN STOCK

No. 14, Auto Reset, 5 Shanks
No. 14, Auto Reset, 7 Shanks, Demo.
No. 10, SOLD 7 Shanks
No. 10, 11'9, 5 Shanks
No. 10, 8'3, 3 Shanks

We Ship Parts UPS, Parcel Post — Same Day! Call For Stock Items

ERB & HENRY EQUIP., INC.

New Berlinville, PA. 19545
Ph: (215) 367-2169
Daily 7-5; Sat. 7-3

- ★ Farm Bilt Hay Wagons
- ★ Sprayer Parts headquarters
- ★ Woods
- ★ John Blue Sprayers
- ★ FMC Bean
- ★ Grasshopper Mowers
- ★ Jamesway
- ★ DeLaval
- ★ Roskamp Roller Mills
- ★ Deutsch-Fahr Tedders In Stock
- ★ Northwestern Skid Loader - Model S71 Gas - Demo, In Stock At Special Price!

We're An XL Dealer!

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

SPECIALIZING IN

GARAGE SERVICE JACKS

"NEW JACKS"	REPAIRS
AJAX-WALKER MODEL 95632 1½ TON - $199.00 List $363.00	NEW & USED WALKER • AUSCO • HEIN • WERNER WEAVER • BLACKHAWK

BEARTOWN HYDRAULICS

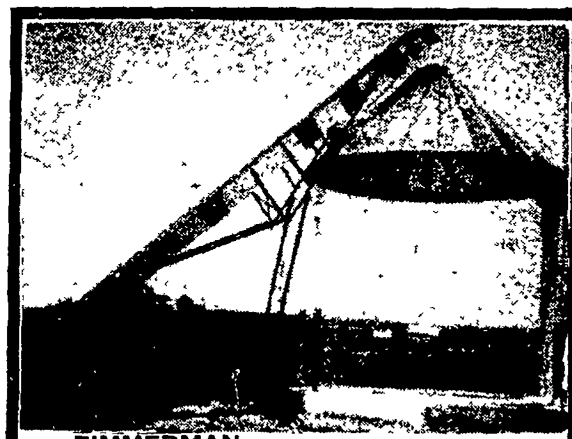
Rt. 322, Midway Between Honey Brook & Blue ball
Mon., Tues., Thurs. & Fri. 7 AM - 5 PM
Ron Zimmerman
(717) 354-5649

Used John Deere #5200 self-propelled 4 wheel drive forage harvester.

3 row narrow row crop head.
3 row narrow snapper head.

Waiver of finance to September 1984.

215-484-4391



ZIMMERMAN PORTABLE ELEVATORS

Will Carry Your Corn & Hay

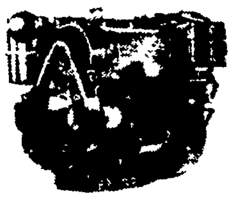
28 ft.	$1270
32 ft.	$1345

Also Available Every 4 Ft. (36' to 48')

BEHLEN CORN CRIBS

610 BU	$690
865 BU	$795
1085 BU	$875
1515 BU	$1085

AVCO VM Diesel



★ Will Install In Skid Loaders, Balers, Forage Harvesters, Etc.

USED TRACTORS & EQUIPMENT

• Case 930 Comfort King	$3400
• MF 135, Gas, P.S.	$3500
• NI 272 Cut/Ditioner	$1800
• Lely Pull Type Spinner Spreader	$575

WISCONSIN ENGINES
Sales
and
Service

SALES & SERVICE

MILLER'S REPAIR

1 Mile North of Bird-in-Hand
8 Miles East of Lancaster
RD1, Bird-in-Hand, PA Ph: 717-656-6109

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case GEHL HESSTON SAME

★ USED EQUIPMENT SPECIALS ★

USED TRACTORS

- Case 870 w/Cab & Air Cond.
- Case 870, Power Shift
- Case 885 w/loader
- Case 930
- Case 1030
- Case 1070
- JD 3010
- MF 1085
- MF 1135
- Farmall M
- Int. 1086
- Allis Chalmers WD45

USED PLOWS

- IH 3-Bot. 14" Trailer
- JD 4-Bot. 16" Mounted
- JD 3-Bot. 14" Mounted
- Ford 5-Bot. Semi Mtd. Plow

USED BALERS

- Hesston 5540 Round Baler
- Hesston 5600 Round Baler
- Case 230 Conventional Baler w/kicker

USED BLOWERS

- IH 56
- (2) Gehl 99
- Fox Blower
- Oliver (Kools)

WAGONS

- (2) Grove Wagons w/Hyd. Drive, 16'
- Grove 16' w/3 Beater Roof & 12-Ton Tandem Wagon - Exc. Cond.
- Jerdan 3 Beater w/12 Ton Running Gear & Hyd. Drive

USED HARVESTERS

- NH 33 Flail Chopper
- IH 830 w/2-Row Narrow and Hay Pickup
- Gehl 83 w/1-Row Head, Hay Pickup & Direct Cut Head
- Gehl 3 Row Wide Cornhead
- (2) Gehl CB600's
- Gehl CT300
- Fox Super 1000
- JD 3800

USED SKID STEER

- Gehl 2600
- Case 1740
- Gehl 4500 (1979)
- Case 1845 Gas or Diesel
- Case 1845 (1979) Exc. Cond.
- Owatanna 1700

USED WINDROWERS

- Hesston 420
- (3) Case 555's
- Gehl 1090
- IH 225 Self Propelled

UTILITY CRAWLERS

- Case 750 Loader

MISCELLANEOUS

- Gehl 95 Grinder Mixer
- Sauder Loader For 8N
- Cagle 500 Sprayer with Foam Marker
- 187 Hawk Bilt Spreader
- NH 475 Spreader
- NI 90 Bu. Manure Spreader
- 5' Sidewinder Mower (New)

STOUFFER BROS. INC.

1066 Lincoln Way West, Chambersburg, Pa.
Phone 717-263-8424

GUNTHER HEUSSMAN INC.

SO. 5TH ST., EMMAUS, PA. 18049 215-965-5203

Call John Bolton or Gunther

— QUALITY LATE MODEL FARM EQUIPMENT —

TRACTORS

- JD 4430 Dsl., Cab, Air, Syncro Shift, 1975 model
- JD 4430 Dsl., Cab, Air, Quad 1973 Model
- JD 4230 Cab, Air, Quad, 18x38 Radial Tires
- JD 4430 Dsl. cab, air, quad shift, 1976 Model, very nice
- JD 4020 Dsl. Power Shift w/cab, WF
- JD 4020 Dsl. WF side console
- JD 2840 Dsl. 1200 hrs. Like New
- JD 3020 Dsl. WF
- JD 2640 Dsl. w/direction reverser & 145 loader, exc. cond.
- JD 2520 SOLD WF power shift 2300 hrs.
- JD 2630 Dsl. w/roll guard, ind. 1000 and 540 PTO, very nice
- JD 2040D Utility
- JD 820D 3 cyl. 8 speed
- JD 830D Roll Guard, canopy, 600 hrs.
- IH 1086D Cab and Air, 1500 hrs., 20x38 Tires, Very Nice
- IH 1066 Dsl., Cab, Air, Black Stripe, Very Nice
- IH 1066 Dsl. Red Cab and Air
- IH 1466 Dsl. Cab, Air, Very Nice
- IH 966 WF w/cab 18x38 rubber very nice
- IH 856 Dsl. WF
- IH 766 Diesel, WF, very nice
- IH 656 Gas, 3 pt. hitch
- IH 504 Gas, w/3 pt.
- AC 7000 Dsl. Power Shift, Cab and Air
- AC 200 Dsl. w/cab, excellent
- 1975 Ford 3000 Dsl. w/loader, nice
- White 2-70 Dsl. WF, 1 owner
- Oliver 1850 Gas, WF, very good rubber.

CORN PICKERS

- JD 300 Husker, 2 or 3 row head, wide or narrow
- NI 323 1 row
- NI sheller attch. for 2R Mtd., Like New
- NI 319 2 Row Mtd. w/Sheller, very nice $1450
- NI #10 1 Ro SOLD
- NI 2R Wide Good Cond $1,950
- NI 325 2 Row Narrow w/Sheller
- NI 319 2 Row Mounted w/8 roll husking bed $950

HARVESTERS

- JD 3800 w/2RN Head & Long Tongue
- JD 16A Flail Chopper, good condition
- NH 890 w/2 RN Head w/long tongue, electric controls, very good
- JD 2 row 30" row crop head
- JD 3 row 30" row crop head
- JD 2R 30" Snapper Head
- NH 2R 40" Snapper Head
- Hesston 3 row 30" Row Crop Head

—TRADE IN SPECIALS—

- NI 324 Picker w/Sheller $650.
- NH 975 Combine, Cab, 13' Quick Tach Platform and Pickup Reel $3650.
- MF 410 Combine, Cab, Air and 1 SOLD latform $3450
- Gleaner CII Combine, Cab, 13' P SOLD rm, 4 Row Corn Head $4250.

PLOWS -AUTOMATIC

- IH 720 5x18 sp. reset
- IH 720 4x18 sp. reset
- IH 710 6x16 Spr. Reset
- IH 710 4x16 Spr. Reset
- JD 2500 5x18 Sp. Reset

PLOWS

- IH 140 4x16 roll over
- IH 3-4-5 base semi mtd.
- JD 3 base 3 pt.
- White 5x16 semi mtd.
- JD 4 & 5 Base Semi Mtd.

BALERS

- JD 336 w/thrower, very good
- Hesston 5400 Round Baler
- JD 336 Wire w/thrower
- NH 851 Round Baler w/auto wrap, like new
- NH 277 w/thrower
- NH 276 w/thrower

CORN HEADS

- AC CII 438
- IHC 227
- MF 24, 43, 44
- JD 243, 244, 343, 443, 444, 643

COMBINES

- 1980 NH TR70 cab and air, hydro 3208 cat dsl. 700 hrs., like new w/15' Flex Grain Platform
- 1979 JD 4400 Diesel, cab and air, 700 hrs., like new
- 1974 JD 4400 D, Cab, Air, Choice of heads
- 1974 JD 3300 gas w/cab, choice of heads
- 1978 MF 510D cab & air, very nice, choice of heads
- JD 45 w/cab 10' platform and pickup reel
- IH 80 & 82 Pull Type Combines
- JD 453A Row Crop Bean Head
- JD 213 Flex Platform, Excellent

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

GRINDER-MIXERS

- NH 358 w/folding auger (new, priced right)
- NH 357
- JD 700
- Brady 950 hydra drive

DISCS

- JD BWA 11'6"
- Bush Hog 145 offset, 9 blade
- JD 4000 Double Offset 12'
- JD TWA Plow Disc, 28 blade

GRAIN DRILLS

- JD FBB 15x7 Fert., Grass Seed, DD
- JD FBB 17x7 Fert., DD, Power Shift

MISCELLANEOUS EQUIPMENT

- JD 1700 mulch tiller, 9 or 11 chisels
- IH 5500 Chisel Plow 12' pull type
- JD 55 Quick Tach Feeder House, very good
- NH 489 Haybine, like new
- JD Hay Pickup w/Gauge Wheels
- Field Queen Adapter for AC Corn Heads
- MF 43 Corn Head, Late Style
- Brillion 10' Transport Alfalfa See SOLD Double Box
- Bush Hog 8' Heavy Duty 3 pt. Scraper Blade
- NI 4 Row Stalk Shredde SOLD
- Gehl 99 Blower
- JD 1209 Mower Conditioner, (new)
- Servis 12' Rotary Mower
- Stan Hoist 4 Row Stalk Shredder

If you're planning to sit on this year's crop . . .

. . . a Moridge Dryer can help you earn an even greater profit.

Save by converting elevator dockage to a capital investment of your own. Save even more with Moridge operating economy, Moridge "kernel care" recirculation system and Moridge high quality, bin-ready grain preparation.

MORIDGE
MANUFACTURING COMPANY

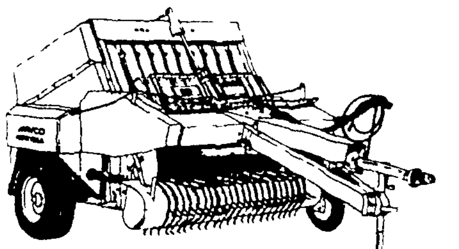
SPECIAL PRICE

LAMB'S FARM MACHINERY

Thorndale, PA
Phone: 215-269-2676

Inventory Reduction Sale!

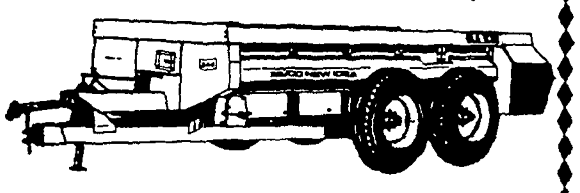
These Cash Prices Include Rebates



NEW HAY & FORAGE EQUIPMENT

484 N.I. Round Baler	$8,525
323 Single Row Picker	$6,225
509 9 Ft. Mower Conditioner	$7,095
565/560 - Baler w/Bale Thrower	$8,925
866 Uni Pickup Head	$3,125

NEW MANURE SPREADERS



352 N.I. Manure Spreader w/10:20 Tires, Upper Beater, Hyd. Endgate, Front Box Ext.	$5,695
352 N.I. Manure Spreader w/10:20 Tires Hyd. Endgate	$5,340
213/217 Manure Spreader w/Single Beater	$3,395
214/217 Manure Spreader w/Single Beater & Pan Att.	$4,495
382 Solid-Plus Manure Spreader	$6,875
384 Solid-Plus Manure Spreader	$10,995
245 (10 Ton) Manure Spreader w/Single Beater w/Tires	$6,990

SHARTLESVILLE FARM SERVICE

AVCO® NEW IDEA

RD 1, Hamburg, PA
215-488-1025
H. Daniel Wenger, Prop.

HARD WORKING VALUES

Waiver of Finance - Low Rate Financing
Low Cash Deals

NEW EQUIPMENT

5088, demo
3288, demo
784 RC w/TA
1420 combine, demo
370 disc
800 Early Risers
720 auto reset 5 btm
2250 loader
#50 Shredder

WHITE TAG SPECIAL
1420 Combine with 810 head

USED EQUIPMENT

706 Diesel
IH 424
Farmall BN
  w/cultivators
2 Super C's
Super AV
Haines bulk bodies
Mayrath auger 6"x27'
1500 Schwartz loader
800 workmaster loader
Massey Drill 16x7
Woods Mower
Potato digger, 1-R
Potato planter
Irrigation pipe, 6"
JD 2 row potato digger
Ontario grain drill
Vicon disc mower-conditioner
NH S69 baler
IH #37 baler w/thrower
IH forage blower
Gehl 4500 Skid loader
NH 1010 bale wagon
IH 3120 backhoe
NH 512 spreader
Stone pickers

RINGTOWN FARM EQUIPMENT

RD 1, Ringtown, PA
717-889-3184
Since 1949

FARM EQUIPMENT

FARM EQUIPMENT

VAN DALE

- **Van Dale Products**
  - All New Magna Trac Ring Drive
  - Silo Unloaders 10 30 New & Rebuilt
  - Bunk Feeders Belt Auger and Shaker
  - Conveyors Auger & Single Chain
- ***T M R Van Dale Mixer Feeders 4 Auger***
  - Truck Mounts
  - Trailer Mounts
  - Stationary Units

  • 40 Cows to 400 Cows
- **Husky Liquid Manure Spreaders**
  - 1500 Gal to 4500 Gal
  - Soil Injectors
- **Husky Liquid Manure Pumps**
  - Agitator Filler • Centrifugal • Lagoon
- **Uebler Electric Forage & Grain Carts**
- **Uebler 810 Gas Cart**
- **Uebler U-Blend™ TMR Forage Carts**

UEBLER

- **Red Top Stainless Steel Trough Cattle Waterers**
- **Fickes Stave Silo - Top and Bottom Unloading**
- ***Double Chain Wood Conveyors w/Slip Clutch & 3/4" Bottom***
- **Taper Board Feeders & Belt Feeders**
- ***Circle Feed Supplement Bins***
- **Hedlund Vaughan Chopper Pumps**
- **Farmaster TMR Tumble Blenders**

FICKES SILO COMPANY INC

LEASING AVAILABLE • SALES & SERVICE

K & S INC.

RD 1 Quarryville, PA 17566
PH: 717-284-3111

Buy at Dealer Invoice

Model	Invoice Price
323 1 Row Picker	$6,370
325 & 327 Picker	10,415
324 & 327 Picker	11,931
802 Power Unit (plus rear weights)	43,756
768 Harvester	4,924
767 Harvester	9,553
868 Harvester	11,752
818 Combine	10,655
406 Rake	2,305
272 Cutditioner	3,817
279 Cutditioner	4,229
621 Blower	1,722

We're Dealing Straight From the Invoice

Now, for a limited time, we'll sell selected New Idea equipment on our lot at the factory invoice price

We are sacrificing profits now to lower our inventory investment cost during the winter months

INVOICE
FACTORY INVOICE PRICING

THINK ABOUT

- Our low prices
- Your trade in allowance
- Investment tax credit
- *Re-Investing your PIK income*

See us now. Check the invoice and save on top quality New Idea equipment at our lowest possible price

AVCO NEW IDEA

ZIMMERMAN'S FARM SERVICE

Bethel, Pa. 717-933-4114

WENGER'S INC.

251 SOUTH RACE STREET, MYERSTOWN, PA 17067
PHONE: 717-866-2135

NIGHTS,
PHONE:
717-866-7147
or
717-273-9089

ONE STOP SHOPPING - FINANCING AVAILABLE - TRADES WELCOME - REASONABLE PRICES

FARMALL TRACTORS

Super C w/FH	$1895
C - Good Rubber	$1395
384 - 600 Hours - Nice	$7850
756 Diesel	$6850
1256 w/Cab - Air - Nice	$10,450
656D Hydro	$6350
1066 Red Cab - Nice	$13,950
154 w/Rotary Mower - Nice	$3850
1256 w/Cab - Clean	$10,950
Cub w/Fast Hitch	$2450
674D - 1974	$5950
Cub w/Cult.	$1850
15-30 - Antique	$1750
1066 w/Cab - 1973	$10,950
1466 w/Cab - Bad TA	$8000
Cub - Mower - F.H. - Snow Plow - Chains	$2500
140 w/Rotary Mower	$4500
544 Hydro w/Forklift	$5000

MASSEY FERGUSON TRACTORS

1105 - Nice - 1973	$8950
175D - Nice	$6450
180 - Gas - Nice	$5250
40 w/Sickle Mower & Cab.	$5950
165D - Nice	$5450
135 Gas - Turf Special	$3950
1080 Diesel - Nice	$6450
35 w/Loader	$3850

FORD

8700 Cab - Air - 1977	$13,950
2000 w/Mower - Nice	$4450
600 w/Loader	$3250
9000	$6500
5000D	$5450
(4) Antique Fordsons	$800 & up
8N w/Loader	$2650
8600 - 1974	$8950

OLIVER — DEUTZ — LEYLAND

1950T - Over/Under	$7950
Deutz 10006 - As Is	$3500
880 Gas - 3 pt. - P.S.	$2950
1855 - Nice	$8450
Leyland 384	$4650

KUBOTA

B6000E w/Mower - Snow Plow - Rotavator - Nice	$4950

ALLIS CHALMERS

G w/Hyd. & 4 Tools	$2500
WD45 w/Plow	$2000
(2) G w/Rotary Mower	$1850
200 w/Cab - Nice	$9850
220 w/Cab	$9450

JOHN DEERE

4020D Cab - Air - P. Shift - Diff. Lock	$8950
4020 Gas	$5950
4020 Console - Cab - Gas - Clean	$7950
4620 - P. Shift - Nice	$12,450
4320 ROPS - WTS	$11,950
4320	$10,950
5010	$6650
(4) A	$595 & up
4010 LP - Wide Front	$3950
50	$1450
4230 - ROPS - 1976	$11,500
4030 - Syncro - 1974 - Nice	$10,500
2840 - Clean - 1978	$11,950
4520 - Nice	$8950
720 LP w/3 Point	$2000
"G"	$1450
60 w/NI 2x Picker	$3000
"D" - Antique	$2000
"B" - Unstyled - Nice	$1950
"A" - Unstyled - Rough	$795

"6" 4 WHEEL DRIVE TRACTORS From 30 HP to 200 HP

MF 1805 - Cab - Air - 3 Pt PTO - Duals - Nice - 1500 Hrs.	$15,000
Ford County 6 - 3 Pt - PTO	$5950
Case 2470 - Cab - 3 Pt - PTO - 1973	$15,000
MM AT4-1400 - 3 Pt - PTO As Is	$5750
White - 4-150 - Cab - 3 Pt - PTO	$15,000
Mitsubishi Bison - New - 30 HP	$7850

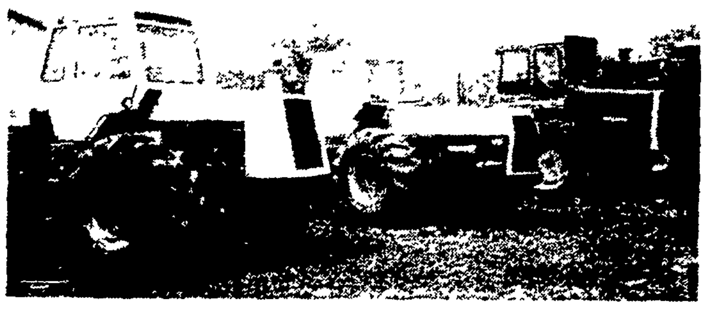
LONG

310C - New	$6750

CASE

VAC - Nice	$1250
(3) 930 Standard	From $2500
1270 w/Cab - P. Shift - Nice	$9850

4 WHEEL DRIVE POWER



- CASE 2470
- WHITE 4-150
- MF 1805 w/Duals

All Have 3 Pt., PTO, Cab, Air, Etc.

Your Choice $15,000

NEW EQUIPMENT SPECIALS

• 6' 3 pt. blades	$195
• 7' 3 pt. blades	$250
• 8' 3 pt. blades	$350
• 6' 3 pt. Landscape boxes	$475
• 6' 3 pt. disc's	$495
• 7' 3 pt. disc's	$695
• 3 pt. fert. seeders	$275 & $395
• 3 pt. boom poles	$50 & $100
• Round bale feeders	$145
• 3 pt. P.T.O. woodsaws	$495
• 3 pt. 12" Post Hole digger	$450
• 165 bu. gravity bins	$475
• 210 bu. gravity bins	$565
• 1 x 3 pt. plow	$295
• 2 x 3 pt. plow	$495
• 3 pt. bale mover	$150
• 3 pt. potato plow	$95
• 3 pt. subsoiler	$195
• 3 pt. spike harrow	$600
• 6 ton wagon	$425
• 8 ton wagon w/goodies	$575
• 10 ton wagon w/goodies	$625
• 11 ton tandem w/goodies	$950
• 12 ton wagon w/goodies	$950
• 4' 3 pt. rotary mower	$485
• 5' 3 pt. rotary mower	$495
• 6' 3 pt. rotary mower	$695
• 4' pull rotary mower	$675
• 5' pull rotary mower	$695
• 6' pull rotary mower	$895
• 6' 3 pt. stone rake	$495
• 7' 3 pt. stone rake	$525
• 8' 3 pt. stone rake	$545
• Speedy 1200 bushel corn cribs	$895
• 3 pt. cement mixers	$595

ROTARY HOES
2x - 3x - 4x

ROTARY MOWERS
Used 5' to 13'
New 4' to 6'

ROTOVATORS
Long 63" & 71"
Lely Roterra (13')

SNOW BLADES
4' to 7'

MANURE SPREADERS
Badger Honey Wagon
Clay Honey Wagon
Hawkbilt Tank
NI 1x & 2x (Tandem)
IH - NI - AC

STACKER
Hesston 10

STACK MOVERS
Hesston 10W
Hesston 30
JD 200
3 pt. Stabbers

WAGONS
All Makes & Types

DISCS
IH from 6' to 24'
JD from 8' to 13'
Total of 50 to select from

DUALS

18.4x28	16.9x38
16.9x34	18.4x38
18.4x34	20.8x38

HARVESTERS
Fox 2200 - IF
JD 35 - 25
NH 890 - Super 717
Gehl 800
AC 720
(100) Extra Heads

WINDROWERS
Ford 536
Hesston PT7

FLAIL MOWERS
NI 279 - 9'
Caldwell 6' 3 pt.

TRANSPLANTERS
1x & 2x

POTATO DIGGERS
1x & 2x
1x plows

LOADERS
Ford - JD - IH - Freeman
Souders - Duals

SICKLE MOWERS
JD - IH - NH - Case - NI - AC

CORNPLANTERS
JD 7000 (6x) - 1240 - 290 - 246
Ford 309
MF 2x 3 pt.
IH 56 (4x) 2x FH
AC 770 (4x)

PLOWS
(Some Resets)
AC - 1x
Ford - 1x - 2x - 3x
MF - 3x Flip - 5x
JD 1x - 2x - 3x - 4x - 5x - 6x
IH 1x - 2x - 3x - 4x - 5x - 6x - 7x
Case 4x

CHISEL PLOWS
7' - 12'
"V" Chisel

FIELD CULTIVATORS
JD - IH - Glenco

HAY RAKES
(Roto Bars)
NH 258 - 55
JD 671 - 50 - 640
NI
4 Star Wheel Rakes

(25) COMBINE CABS

SQUARE BALERS
NH 273 - 69 - 66
JD 14T
Ford
Case 230

ROUND BALERS
JD 410
Gehl 1500
Hesston 5600

BLOWERS
NH - IH - AC

"CLEAN" COMBINES
JD 4400 - 455B
MF Super 35
IH 82 Pull Type
Case 660

GRAIN DRYERS
MC 600 & GT 270

GRAIN DRILLS
IH 10 - 16 Disc
JD FBB - 11 Disc
JD FBB - 13 Disc
JD VB - 11 Disc
JD 1500 - No Til
JD FBB - 17 Disc
Ontario

SPRAYER
150 gal. 3 pt.

CARS & TRUCKS
1978 Chevy 4WD Pickup
1980 Chevy Diesel Pickup
1982 Ford F150 Pickup
1975 Chevy Monte Carlo
1978 Chrysler Cordoba
1980 Buick Regal
1982 Ford Fairmont

FEED MILLS
NH 352 - 357
OMC 424
Hammermills

LIME DRILLS & SPREADERS
JD & Case
Calhoun Tandem Spreader

CORNPICKERS
NI 319 - 305 - 325 - 323 - 7
Ford 1x 3 pt.

THE PEOPLE THAT DO BUSINESS

WENGER'S INC.

251 SOUTH RACE STREET, MYERSTOWN, PA 17067
PHONE: 717-866-2135

NIGHTS, PHONE:
717-866-7147
or
717-273-9089

ONE STOP SHOPPING - FINANCING AVAILABLE - TRADES WELCOME - REASONABLE PRICES

WENGER'S IS E-X-P-A-N-D-I-N-G TO SERVE YOU BETTER

Used Parts — East Coast's Largest

(100) COMBINES - SALVAGE

JD 7700-6600-4400-3300-55-45-40-12A
IH 815-615-315-403-303-203-205-105-101-93-91-141-127-64-76
MF 760-510-410-300-92-82-72-35-26-Clipper
Gleaner CII-EIII-A-E-60
Uni 704-702-701-717-710-Etc.
Case 960-660-600
NH 975
MM 4296-Oliver 525
Over 100 Corn & Grain Heads For Salvage

(100) HARVESTERS - SALVAGE

JD 38-35-34-12-8-6
IH 650-550-55-50-350-16-15
Fox 2200-2000-1000-546-FA
NH 880-818-800-S717-717-770-616
Gehl 600-300-188-84-83
Case 300
Ford & Papec

(50) BALERS - SALVAGE

JD 214T-24T-14T
NH 269-78-569-69-68-67-66
IH 57-47-37-27-55-45
Oliver 720
MF 10
AC 303
Case

HAYBINES - SALVAGE

IH 225-201
JD 480
NH 490-460
Hesston PT10
OMC 29-25
Case 950

PICKERS - SALVAGE

NI 331-311-305-10-7
JD 237-227
IH 2MHD-2MH-2ME
Ford Blue 1 Row & 2 Row
Woods

SPREADERS — CORNPLANTERS — HAY CRUSHERS — BLOWERS — CORN SHELLERS — CULTIVATORS — PLOWS — CULTIPACKERS — CULTIMULCHER — DRILLS — RAKES — SICKLE MOWERS — NI 7' & 9' CUT DITIONERS

CONSTRUCTION ITEMS - SALVAGE

Crawlers:
Cat D2-D4-977-933
JD 350-440-420-40-MC
IH 175-100-TD14-TD9-TD6-340-500
AC HD4
Oliver OC46-OC3-OC6
Case 310
Lots More Incidental Items

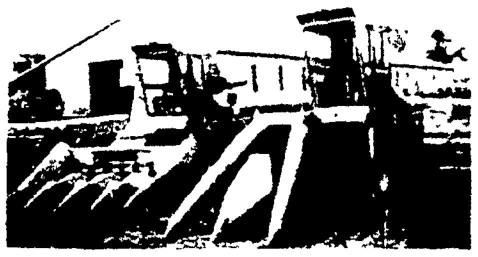
Backhoes:
Case 680-530-320
IH 3444-3600
Ford 4500

Skidders:
JD 540

Skid Steers:
Case 1737
Melroe 444

DIESEL N.I. UNI SYSTEMS

(Mix & Match Attachments)



- Tractors - 706D w/Cab, 705D w/Cab
- Husking Beds - 727, 726, 721
- Harvesters - 767, 760
- Sheller - 729A
- Pickup Heads - 766, 761
- Grain Heads - 715, 713, 711
- 4 Row Cornheads - 844N, 738, 731
- 3 Row Cornheads - 743N, 735, 725, 763, 724
- 2 Row Cornheads - 723, 762
- High Moisture Throat For 760
- Combines - 710

FARM TRACTORS FOR SALVAGE (Over 2000)

AC: 220-210-200-D21-190XT-190-D19-D17-D15-D14-D12-D10-WD45-WD-WC-G-CA-C-B-Etc.
Case: 970-770-1030-930-830-730-630-530-430-800 Series-700 Series-600 Series-500 Series-400 Series-300 Series-200 Series-DC-SC-VAC-LA-990-880-Etc.
Ford: 9000-8000-7000-6000-5000-4000-3000-2000-900-800-700-600-NAA-Major-Dextra-8N-9N-Etc.
IH: 1466-1066-856-756-656-1206-806-706-606-660-574-454-464-444-560-460-544-504-424-404-450-400-B414-B275-350-300-240-230-200-140-130-100-Super A-Cub-154 LowBoy-Super C-A-B-BN-C-H-M-MD-MTA-W4-W6-W9-Etc.
JD: 5020-4020-3020-2020-1020-2520-5010-4010-3010-2010-2510-1010- 435-830-730-630-530-430-820-720-620-520-420-80-70-60-50-40-MT-M-R-G-A-B-H-Etc.
MF: 1130-1100-180-175-165-150-135-Super 90-85-65-50-40-35-30-20-Etc.
Long: 560-460-445-360-350-Etc.
MM: G1000-670-302-445-335-5 Star-4 Star-3 Star-2-UB-U-Etc.
MH: 444-44-33-101-30-22-Junior-Pony-Etc.
Oliver: 1950-1850-1755-1750-1650-1550-1450-1250-1800-1600-880-770-660-99-70-60-88-77-66-550-55-Etc.

PARTS CALLS TAKEN 7:30 AM to 5:00 PM WEEKDAYS
7:30 AM to 12:00 NOON SATURDAY
(Please, No Calls After Hours)
PROMPT SHIPMENT — CASH SALES ONLY

CULTIVATORS

Ford 2x - 4x
JD 2x - 4x 1x
IH 2x 4x - 1x

TRACTOR CABS

Used For Case 1030	$950
Used For AC 190XT	$1000
(4) Used for JD 4020	$350 to $1000
Used for Ford 6000	$775
New for Ford 5000-7000	$1800
(5) New for MF - 275 to 1155	$2000
(10) Used Rollbars	Call
New Cooler for Cab	$500
(2) Used for IH 66 - Nice	$1500
Used For JD 4230	$1250

FLAIL CHOPPERS

JD 16A - 15A
Gehl 72
NH 36
MC

CULTIMULCHERS

11 & 12'
Cultipackers

ELEVATORS & AUGERS

LG Corn Drags
Cardinal 56' 8" Auger
NH 36'
Case
Zimmerman 32

CORNSHELLERS

JD 43 3 pt & pull type
MM 1200
JD 6
NI For pull & mtd

SKID STEER LOADERS

OMC 1700 Diesel	$6500
IH 4150 Diesel	$11 500

CONSTRUCTION EQUIPMENT

NEW 1984 TRAILERS ON SPECIAL

- 2 Axle, 4 Ton................$1450

BACKHOES

Case 530	Coming in
Ford 7500	$19,500
Ford 4500	$10,500
Long 5 in 1	$16,500
(2) IH 3400A	$8950
IH 3820	$16,500
MF 70	$16,500
IH 350	$3950
IH 3414	$4500
Ford 4500	$7500
Ford 4500	$9500
IH 3600	$8500
Case 580CK	$6900
Case 580B - Cab - Extendahoe	$11,500
Case 580B - As Is	$8000
Hein Werner C12	$8500
IH 3444	$6900
Ford 5500	$12,500

BACKHOE ATTACHMENTS

IH 3141	$2000
Sherman	$2000
JD 93	$3500
JD 93A	$4900
Case	$2500
McConnell	$2200
Long - New	$4450
AC	$2000

MISC. CONSTRUCTION

(40) Used hoe buckets	From $100
(25) Loader buckets	From $100
(30) Set forklift forks	From $300
(6) Winches	Call
Wayne 984 Diesel Street Sweeper	$8950

DOZERS

Cat D8H	$19,500
AC HD7	$3500
JD 450 - 6 Way	$12,500
Cat D4C	$12,500
IH TD8C	$18,500

FORKLIFTS

Int. 7000 - 21'	$10,500
Int. 4500B - 21'	$12,500
IH 544	$5000

TRACTORS WITH LOADERS

Ford 600	$3250
Ford 8N	$2650
JD 300	$6500
JD 400	$7500
MF 35	$3850

CRAWLER LOADERS

Cat 955H	$16,500
Cat 951B	$21,500
JD 350B w/Backhoe	$18,500
Cat 977L	$6,850
JD 350 w/4 in 1	$8950
Case 350	$8950
IH 340 - Gas	$4000
Cat 941B	$26,500
IH 340 - Diesel	$5000
AC FL10B	$18,500
Cat 955K	Coming in

RUBBER TIRED LOADERS

OMC 770	$17,500
Trojan 154	$3500
JD 544	Coming in

TRAILERS

1984 2X 4 Ton	$1450 & $1600
1978 2X 6 Ton	$2650
1983 3X 9 Ton	$4400
1983 1X 2 Ton	$1150
1984 2X 12 Ton	$5800
1978 Freuhauf - 42' Flat	$7500
(2) 1979 Strick - 40' Flat	$7000
1979 Fontaine 42' Drop Deck	$9500
1983 2x6 Ton	$3600
1977 10 Ton 5th Wheel	$3950
Used 6 Ton	$2250
Used 9 Ton	$2750
Used 25 Ton	$3500
Used 15 Ton	Coming in

CONSTRUCTION DUMPS

1974 IH Diesel w/9' Body - Air Brakes	$10,900
(2) Mack 25 Ton Rock Trucks	Call
(3) Mack 20 Ton Rock Trucks	Call

TRUCK TRACTOR

1974 Ford Louisville Diesel	$6950

LOG SKIDDERS

JD 440B	$13,500
(2) JD 540A	$13,500
JD 540B	BURNED

THE PEOPLE THAT DO BUSINESS

USED FARM EQUIPMENT

JD model 50 tractor
JD 4240, like new
JD L Tractor w/plow & cultivators
MF 220 tractor, 26 HP w/mower
JD F125, 4x16, 3 pt. plow
JD F145A 5x16 semi-mount plow
JD 1450 5x16 semi-mtd. plow
Freeman loader for MF 135 tractor
JD 48 loader for utility tractors
JD 465 flail spreader, like new
NI 208 spreader
JD 336 baler w/ejector
JD 346 baler w/ejector
NH 355 round baler, 2 mth. old, like new
JD 14T baler w/#2 ejector
JD 567 6 wheel rake, like new
IH 56 corn planter w/disc openers
JD 494A Planter
JD 8300 grain drill, dd openers, 21x7
JD FBB 13x7 grain drill, excell. cond.
JD FBB 17x7 grain drill
JD FBB 17x7 grain drill for parts
JD 444 corn head
JD 6620 sidehill combine w/15' flex platform

NEW FARM EQUIPMENT SPECIALS

JD 2440 Tractor w/Hi/Lo Shift, Roll Guard & Canopy, 16.9-30 Rear Tires $18,000*
* Above prices include JD rebates.

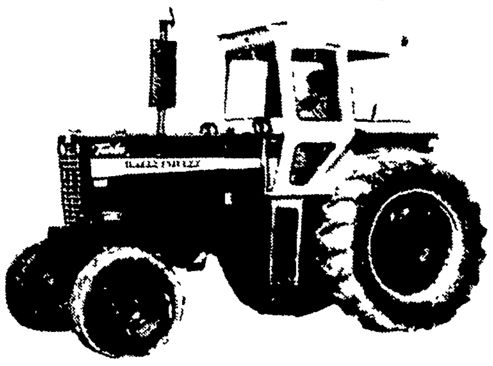
	L.P.	S.P.
JD 950 Roller Harrow 12'	6133.00	5250.00
JD 90 Skid Steer loader	10,633.00	8495.00
JD 146 loader	3576.00	2750.00
Artsway forage boxes, 16 3 beater w/roof	5287.00	4895.00

NEUHAUS'ES INC.
John Deere Sales
& Service
RD2, York, PA 17403
Phone - 717-428-1953

VISA*

HERR & LEAMAN

Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222



QUALITY TRACTORS AND EQUIPMENT/REASONABLY PRICED/SERVICED & BACKED WITH A WARRANTY/WILL DELIVER ANYWHERE

1978 JD 6600 Diesel w/Hydro., Air Conditioning AM-FM, Very Sharp, 1480 Hrs.
NI 708 Diesel, hydro., cab & air
2-NI 705 Diesel w/Cabs 1 left w/1100 hrs.
NI 702 Diesel power unit, late model, nice
NI 737 huskers (2)
NI 738, 4R narrow corn head
NI 731, 4RW corn SOLD
NI 734, 3R wide corn head
NI 729A Sheller
NI 730 4R wide cornhead
NI 722 Sheller, 726 husking bed and 720 2 row wide corn head, $1200 or best offer.
MF 300 combine, quick tach w/2 heads
JD 4430, factory cab & air, 38" rubber, very sharp
JD 4320 w/factory cab, 38" rubber fully equipped
JD 4010 Diesel, wide front
JD 4520, syncro. range, factory cab, quick hitch, diff. lock, dual hyd., (also has 4620 after cooler up date kit), clean
IH 786 1981 model, fully equipped w/only 100 hours, diff. lock and 38" rubber
IH 1466 factory cab & air, dual PTOs, 600 hrs. on complete engine overhaul and TA
IH 1456 w/factory cab, very clean
IH 1456 w/cab, duals & weights, solid tractor
IH 1256, cab, dual PTOs & hydraulics, 38" rubber, clean, tractor
IH 856 Diesel, wide front
IH 686 Diesel, 806 hrs., 1 owner tractor
IH 806 diesel, 3 pt., WF, fully equipped
IH 706 Diesel, good tractor
IH 826 German Diesel
IH M Farmall
IH 706 gas w/recent complete overhaul
IH 706 gas, WF, 3 pt.
Ford 8N
IH factory red cab w/air to fit 966, 1066, & 1466.
IH & JD cabs (used)
Year round cab w/air fits IH 06 to 66 series tractors

Box 91 New Providence, PA 17560
Business Ph. 717-786-1606 &
Evenings 717-786-4899

(Combines on our lot)

1977 JD 4400 Dsl. cab and air real nice; JD 8820 fully eq. w/4 whl drive and dual wheels used 450 hrs. New JD 4420 fully equipt. 443 C.H. New Holland TR 85 w/grain and 6 row C.H. like new. Int. 1460 axel flo fully eq. w/both heads. 1975 JD 6600D rotary screen, good cond. 1976 Int. 715D, w/air & 13 ft. grain, field ready, never used in corn. 1977 Gleaner L2 hydro w/6 row C.H. 1976 Gleaner FD w/air and both heads; 1976 Gleaner KKS cab & air w/grain, 1976 Int. 915D w/810 grain head $19,900, sale price $18,900. 1979 MF 550D, excel. w/grain and corn heads. 1975- MF 510D hydra. w/grain and 43 corn for $16,800.

MF 410 D. w/cab & Q.T. Grain head.

MF 510D w/cab, Quick Tach grain for $6950, Sale Price $5850. Case 960 w/cab and grain, real nice, $3950.

1968 Gleaner CII diesel w/cab and 4 row C.H. for $5250. JD 7700 D w/grain & corn head.

JD 6600D combine w/flex grain and C.H.

1969 MF 510D, cab & 2 heads for $9500.

MF 300 w/cab & 2 heads for $2900.

1969 JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.

Int. 303 w/cab, 1972 Gleaner F w/grain & 4 row C.H. for $11,900.

Gleaner E w/cab and 2 heads nice and good; Gleaner E III w/cab and 2 heads.

AC 90 pull combine.

NI 702D w/cab w/chopper and 2 row C.H. $6250. 702 w/729 A sheller

TRACTORS AND EQUIP. JUST PURCHASED (New A.C. 8050 P.S. w/radial tires list 56, cost 44, our price $35,850. used JD 4640 P.S. fully eq. like new; used JD 4440 C.A., P.S., (SOLD) looks like new. JD 4630 cab, air P.S. w/front whl. drive; JD 6030 C.A. Duals all original; Farmall 1566 black stripe cab and air real nice, 766 original, 544 D, JD 720D, WF and 3 pt. used Case 2090 (SOLD) w/R.G., MF 300 diesel combine w/cab and air grain and 3 row C.H. (nice); NI 325 picker w/12 roll bed; N.I. 324 picker w/12 roll bed; Case 1370 C.A. PS - factory duals and full wts. JD 4010 D.W.F. Dual Hydraulic.

NH 489 haybine, NH 258 rake, Oliver 5B hydraulic reset plow.

NI Combines Just Dealt. NI 717 combine w/13 ft. grain; NI 729A sheller; NI 738 4R N CH; NI 10 ft. direct cut head; NI 3 row 30" silage head.

(Tractors and Eq.- Just Received) JD 4020 (SOLD) PS w/48 loader; Farmall 1468 C.A. $8850; Farmall 186 Hydro; Int. 674D; NH 357 Grinder-Mixer $3850.

Used JD 66 and 65 Blowers.

White 2-155 w/cab, JD 3020 gas P.S. original, JD L w/Eq., 2 Used NI 323 1 row picker $2150 to $2500. New NI 323 1 row picker 5450. Used Int. 1190 haybine for $3250; Ferg. 6 bar 3 pt. rake like new.

AC 7010 C.A., P.S.,20:8x38 tires, full wts., light package looks like new, AC 220, Ford 7600 w/dual power. Farmall 966 original for $9800.00. Farmall 504 original w/P.S. and 3 pt.Oliver 880 W.F. fully equip. JD 4010 gas, 2630 w/146 loader, JD 2840; JD (SOLD) 60; Farmall 1066 w/cab & air $12,800. Int. 444 utility gas, w/P.S. for $3850. Farmall 1066 for $9950. Farmall 1586 C.A. w/20x38 duals used 1200 hrs. extra nice, Farmall 656 gas. 706 gas, 504 w/W.F. & Loader. JD 730 D, nice. JD 60 w/Loader, Case D.B., 990.

Hay eq. just traded, used NH 320 baler, Rakes, new NH 256, MC 9E Rotary Scythe.

New Holland 1034 Auto-Bale Wagon used 3 yrs. NH 1012 and 1010 bale wagons.

18 ft. hay bale wagon on 8 ton running gear.

JD 3020 Tri D. JD 4020D W.F., D.L. and 2 values w/cab. JD 4020D W.F. P.S. 2640, Farmalls 1586 4 post R.G. w/duals, 1086 w/cab, 886 w/cab, like new; 1206 extra nice, 756D W.F. original.

2 White- 4 whl. drive, 4-150 fully eq. for $12,500; White 4-180 fully eq. for $15,850 (Tractors Coming In) Used JD 4840, JD 4240-300 (SOLD) hrs., 4430 R.G. and Q.R. nice; Farmall 186 hydro.

JUST TRADED- used Int. 3588 2+2 Int. 986 w/cab, 886 w/cab, 1066, Farmall M w/NI 319 mtd. picker, Case 1410D. (Harvesters) NH 890 w/3 row 30" C.H. 2 row snapperhead and pickup head. JD 243 snapper head. Forage Wagons.

JD 216 - tandem axle. NI 325 picker w/12 roll bed, JD 237 mtd. picker and sheller.

Just Purchased (new) 2 NI 323 cornpickers at old prices. $5450.00

New NI 324 2 row pickup for $9750.

Used Fahr rotary 7 ft. haybine. JD 340 12 ft. offset disc, Glenco SS9 Soil Saver, JD 210 14 ft. Disc, Hesston #30 Stakhand. N.H. 363 tank spreader, (SOLD) 1 yr. old.

CHISEL PLOWS- new Ford 13-ft. 3 pt. w/gauge whls.

HAYBINES- (new) Int. 1190 List $8900. Our Price $6450. only 1 left. New NI 272 cut/ditioner- $3850; Used NH 489-$4000; Used NH 489-$3875; N.H. 479. Used JD 1209-$2475; New & used Grim 4 star hay tedders.

(Just Traded) N.I. 702 uni w/729A sheller and 743 3 row Q.A. corn head, real nice and field ready.

NI Uni 737 and 727 Husking Beds.

New AC 7010 w/20 sp. trans. Used 966-1 owner original, 1972 JD 4020, 3020 S.C. power shift, JD 4020 S.C. w/cab, 1968 JD 4020. MF 1135 w/cab. Farmall 350 w/P.S. and F.H., Farmall 450 gas PS and F.H., Ford 6000 Commander D.

Balers (new), NH 315 w/#75 thrower for $9300. NH 280 w/hydraulic tension and thrower. New Idea #456 round baler.

TRACTORS & EQUIP. Farmall 1566 w/cab and duals, Used White 2-105 w/roll guard.

New John Deeres 4240 cab & air Q.R. for $29,900; New JD 4440 C.A. QR w/radial tires. Six real nice balers, NH 851 Round Baler (nice); JD 500 Round Baler; Hawk Bilt round baler. 2 used NH baler w/throwers #280, 269.

Int. 420 w/thrower.

Corn Heads JD 643, 444, 843, 343, 443, 435N, 313 for 45C, 334, 235, Massey Ferguson 1144 like new, 63, 43, 44, 24, 222, 422, Gleaner L438, F430, L630, F438, K238, F335, F330, M430, K330, Int. 863, 864, 844, 744, 843, 743, 227, NI 4 row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, NH 4 row 38" C.H. New JD 444 $7350 reduced to $6875. JD 443 used 2 seasons; Gleaner A430 used 4 years. 60 corn heads on lot. NI 738 and 728 4 row 30"

New Int. 810 13 ft. grain head.

Used Gleaner L2 grain heads.

5 used MF 63C Corn Heads to pick from. 4 used #810 Int. 13 to 16 ft. reg. and floating heads.

(New Farmalls) 5088 fully eq., 3688 fully eq.

(Used Farmalls) 986 w/cab, 686 nice. 706 gas. 1206 real nice, used JD 4230 w/R.G. and creeper gear, 1966-4020. We have 7 JD 4020 side console diesels. JD 2440 w/R.G., JD 2640, 1970 JD 5020, 4010D WF w/dual hydraulic, Ford TW20 w/cab w/220 hrs., damaged. 1972 JD 4020D, WF.

TRACTORS AND EQUIP. New NI 324 picker w/super sheller list $15,390. Special $8,475. New NI 325 picker w/super sheller, Farmall 706 w/310 German D w/cab, JD 2520D, MF 1135 w/R.G. and dual wheels, MF 1105 w/cab, real nice, Int. 656 utility Hydro D. NH 890 2 row snapper head. JD narrow 30" 2 row head, like new.

NI 325 pickup w/12 roll bed used 4 yrs.

TRACTORS 1977 JD 4230 cab, air, quad, real nice. JD 4320, Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.

JD 4020 W.F. power shift, good tires ; Case 1070 P.S. $6975; JD 4010 Tri D, Farmall 766, Case 930 Standard, New Holland 770 w/2 row 30" C.H. NH 890 Harvester w/2 heads, Deutz 9006.

CULTIVATORS - New Case 3 pt. 8 row Hydro fold. JD 4 row & JD 6 row rear.

CORN PICKERS - New NI 325 w/12 roll for $11,800, used N.I. 325 w/12 roll bed current model. Used (2) N.I. 324 w/12 roll bed (325 N. w/ sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/ grinder. NI 319 mtd. picker, JD 300 w/2 or 3 row C.H. Used NI 323.

JD 4020 w/58 Loader, JD 4320 w/cab.

Farmall - 1568 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 856D nice; Farmall 460 Gas w/F.H., Farmall 756 gas, Hi Crop- 656 diesel, 756, JD 210, 140, Farmall cub w/mowers.

HARVESTERS. Used JD 3960 w/long tongue, used JD 3940, JD 3800 w/2 row C.H. and pickup for $2850, N.H. 890 w/3 row 30"; NH 890 w/2 row; NH 770 w/2 row 30" C.H. Int. 720 - 2 row. Fox 2 row snapper head. NH 770 1 row snapper C.H. N.H. 822 Demo 2 row head like new.

Gehl 400 w/2 row W.N. and pickup head, Fox 2 row 30" Silage Head, JD 1 row snapper head for 38 & 3800. JD 4 row Stalker head, like new.

ALLIS CHALMERS AC 180D w/cab and air, 185 w/turbo. 7040 w/cab, power shift like new, low hrs. 220 original, 210 w/new 20.8x38 tires, AC H3 Crawler w/blade and winch.

2 JD 4 wheel drives 8630 fully eq. w/duals; & 7520 fully eq. w/duals.

JD 4010 LP Gas (nice) $3750.

JD 4030, JD 5020 puller.

FARMALLS: used 1086 w/cab, air, 1 owner-looks like new, 20x38 tires for $19,500, 1066 red cab & air, Used 686 w/cab & air, 1206 w/cab, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice. Farmall 400 gas w/P.S. F.H. (SOLD).

New White 2-65 w/front whl. drive and new 1730 loader, list $29,000.

Dealers net $23,700. Our special price $21,850.

New White 2-105 w/cab $22,850.

Used White 2-135 cab, air, 900 hrs. real nice for $19,500.

MASSEY FERGUSON - 2805 Cab, air, 24 spd. w/20:8x38 duals, used 800 hrs. for $22,900 nice. 2 MF 1155 w/C.A. M.P., MF 1130 for $6250. MF 165D, MF 135.

(Case) New 2090 Cab & Air, power shift. Case 830 W.F. and 3 pt. Case 930D real nice, Case 930 Standard D. real nice, Case D.B. 1200 for $3900. Oliver 1950T w/cab, 2050, 1855 w/20:8 tires, 1850 w/cab, 1855 w/duals, MM Vista 1000 w/cab and loader, MM S670 diesel.

Fords, Jubilee, 8N, 9N, 850.

N.I. 702 Uni tractors w/ combines & 729A and 729 Uni shellsers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads.

IND. EQUIPMENT - Int. 500E crawler loader w/270 hrs., like new. Int. 510 4 whl. drive payloader used 500 hrs. like new. Cat 933 crawler loader.

AC 600-21 ft. forklift.

Int. 3400D. L&B Howard 3 pt. backhoe, Long 1199A-3 pt. Backhoe like new $3850.

Ford 340 skid loader.

Bobcat 720 Hydro Skid Loader.

Bobcat 600 Skid Loader.

Mechanics Specials.

Case 1030 Needs (SOLD) Trans. work. Case 1410 motor. Farmall 706 gas needs trans work, $2900.

MF 1155 CA MP needs trans. work $8850.

JD 1020 D. wrecked.

PLANTERS- Used Int. #800 6 row fully equipped w/no til and monitor-NICE. JD 7000 six row w/fert. fill, plateless, inst. w/minimum till & monitor, (new) White 5100 4 row planter w/monitor, JD 1460 6 row no-til liquid plateless Inst. - $1975, JD 6 row conservation inst. fert. fill, population monitor and acre fully equipped. Used White 5400 4 row air, w/dry, Inst. no til and monitor for $2000.

Used JD 4 row conservation w/liquid fert. and monitor, Oliver 6 row no til w/dry fert., inst., fert. fill and population monitor JD 444 corn heads from $2450 and up.

John Blue 400 gal. sprayer.

Papec Grinder Mixer.

Cabs for JD and Int. Tractors.

Glenco 12 ft. 9" Soil Finisher like new.

Brady 14 ft. pull chisel plow w/Buster bar. Caldwell 7 ft. heavy duty 3 pt. blade.

Pick-up heads for NH 770, 717, Miller 12 ft. offset disk, JD Disks #210 - 12x14 ft. New Westfield grain augers 41 ft. 8" KD=$1395, 56 ft. 8" KD=1995. Used Manure spreaders - NI 214 nice, JD 54, NH 346 tank spreader, Kawannee 12 ft. roller harrow, good.

Woods 15 ft. hyd. fold rotary cutter.

N.H. 38 and 33 Flail choppers.

PLOWS - Int. #720 5x6x18 sp. reset. JD 2500 6x sp. reset, JD 5x hyd. Int. #700 5X auto reset, fully eq., Oliver 4x16 rollover, JD 3x16 rollover, Chisel Plows, JD (SOLD) 10 ft. pull type, Brillion 10, 12, (SOLD) 13 ft. 3 pt. Chisel Plows. Brady 10 ft. chisel plow Rockland rock picker. New Johnson loader.

Used JD 230-24 ft. hydraulic fold disk; JD 310-12 ft. disk like new, new 12 ft. 3 pt. field cultivator.

New Landoll 24 ft. hydraulic fold chisel plow.

Straw choppers for combines; JD 4400, 7700, 6600, MF 510, 550.

JD Disks- TW 12 ft. heavy disk.

Used JD 400 15 ft. rotary hoes, Kawanee 22 ft. Wing Disk.

DRILLS- Used JD 8300 21x7 DD w/press wheels.

Int. 510-16x7 D.D. w/Fert. and grass seed.

MF 43-21 SD grain.

JD B 16 DD w/grass seed.

Loaders - Used JD 146, 58, Int. 2350, 2250, MF loader for 1105, MF #246 like new (new) G.B. loader, M.F. loader for S90 3 pt. hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 4 Used 30.5 x 32 tires.

No Til Attachment for Int. 4 row 400 planter complete.

TRUCKS - 1979 Chev. C65 24 ft. rollback w/61,000 miles, like new, KW truck tractor fully eq. looks like new, Delta 44 ft. combine trailer, 1980 Silverado Chevy diesel w/every option, looks like new.

(New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 6 & 8 & 10 ton running gears. Pick up heads for Int. 550, 650, 350, Fox pickup head, (20) sets of dual wheels all sizes.

JD front & rear weights, IH front and rear weights.

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Auto Reset Plow
Brillion 10' 10 Shank Chisel
Plow w/Mid West Harrow

FOR RENT
Glencoe 5 and 9 Shank
Soil Savers
Oliver 11' Transport Disc

- IH 234 Mtd Picker, nice cond
- NI 319-322 mtd Picker
- NI 323 Corn Picker
- NI 1 & 2 Row Pull Type Pickers
- #324 & 325 2 Row Pickers, nice condition
- JD H Tractor w/cord saw

NEW EQUIPMENT

	STARTING PRICE	DAILY REDUC.	PRICE 10/22/83
7' 3 pt HD Blade	$575 00	$1.00	$521.00
206 3 pt 6' Bush Hog Chopper	$1425 00	$4.00	$1209.00

USED EQUIPMENT

729A NI Uni Sheller	$3750 00	$5.00	$1810.00
Ford 3 pt. 2 Row Cultivator	$390 00	$1.00	$189.00
770 NH Harvester w/2 RN & PU	$5951 00	$5.00	$4945.00
676 NH Tandem Axle Spreader w/gate	$3254 00	$5 00	$2249.00
FB 88 Gehl Blower	$850 00	$2.00	$742.00
66 JD Blower	$1390 00	$3.00	$1228.00
FB 99 Gehl Blower	$1395 00	$3.00	$1233.00
SSP-5 Glencoe Soil Saver	$3890 00	$5.00	$3620.00
10' Bush Hog 10 Tooth Chisel	$1495 00	$3.00	$1333.00
6' Case 3 pt Rotary Chopper	$450 00	$2.00	$342.00
11' AW JD Transport Disc	$950 00	$2.00	$842.00
10' KBA JD Transport Disc	$1050 00	$2.00	$942.00
Grove Corn Drag	$350 00	$1 00	$296.00
Allied 1 Ton Grinder/Mixer	$2350 00	$4.C0	$2134.00
MX 120 Hyd Drive Grinder/Mixer	$3850 00	$5.00	$3580.00
686 IH Tractor - 825 hrs	$14,900 00	$20.00	$13,820.00
717 NH Harvester w/1RN	$1950 00	$4 00	$1734.00
Sears 10HP Mower	$750 00	$3 00	$588.00
212 217 NI Single Beater Spreader	$1695 00	$4 00	$1479.00
214-217 NI Single Beater Spreader	$1595 00	$4 00	$1379.00
213-215 NI Triple Beater Spreader	$2550 00	$5 00	$2280.00
218 NI Spreader w/Hyd Gate	$3150 00	$5.00	$2880.00
Wic 3 pt Straw Chopper	$1095 00	$2.00	$987.00
IH 6x16 Semi-mount Plow	$2190 00	$4.00	$1974.00
83 Oliver 2 Row Wide Pull	$2490 00	$5 00	$2220.00
324-326 NI 2 Row Wide Pull	$2995 00	$5 00	$2725.00
Dion 3 Beater Unloading Wagon w/Roof	$3890 00	$7.00	$3512.00
Kasten 2 Beater 16' Unloading Wagon	$1890 00	$5.00	$1620.00
763 3 RN NI Uni Harvester Head	$1800 00	$4 00	$1584.00

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

BIG SAVINGS ON NEW & USED EQUIPMENT

Used - New Idea 708 Uni-Power Unit, Diesel $17,500

New - New Idea 802 Uni-Power Unit, Diesel $47,500

OTHER ATTACHMENTS AVAILABLE
NEW AND USED AT VERY GOOD PRICES

New - New Idea 323/row picker $5700

New - New Idea 279 cutditioner $5500

NEW AC L2 COMBINE w/15' Floating Cutter Bar Head Reduced Price!!

TRACTORS

AC 7040D
AC 7045D
AC 7050D
AC 7020D
AC 7010D
AC 7000D
AC 440

AC 200
AC XT190D
AC 180D
AC 170D
AC 175D
AC D19D
AC D14

AC CA
AC WD 45
AC 5040D
AC 5050D
JD 2010
IH 806

IH 300
IH 340
IH Cub Low Boy
IH 350
IH H
IH 140

JD 4010
JD 70
JD A
Ford 4000
MF 65D
MF 65G

Case 300 w Loader
Case 800
Case 450 Crawler Loader
Oliver 1650D

EQUIPMENT

- New and Used Miller Discs and AC Discs
- (2) 315 NH baler and thrower
- 269 NH baler and thrower
- 14T J D baler and engine
- AC 444 baler and engine
- Farmhand grinder & blower
- (2) L 425 NH Skid Loaders
- 731 Bobcat Skid Loader
- 610 Bobcat Skid Loader
- 630 Bobcat Skid Loader
- 1000 OMC Skid Loader
- 371 Bobcat Skid Loader
- 70 JD Skid Loader
- Thomas Skid Loader
- MC 600 Grain Dryer
- 65 8 transport Auger
- AC L, M, F G&A Combines
- NH 890 Chopper w 2 or 3 Row Head & Pickup Head
- IH 830 Forage Harvester
- Uni Harvester 708 & 702

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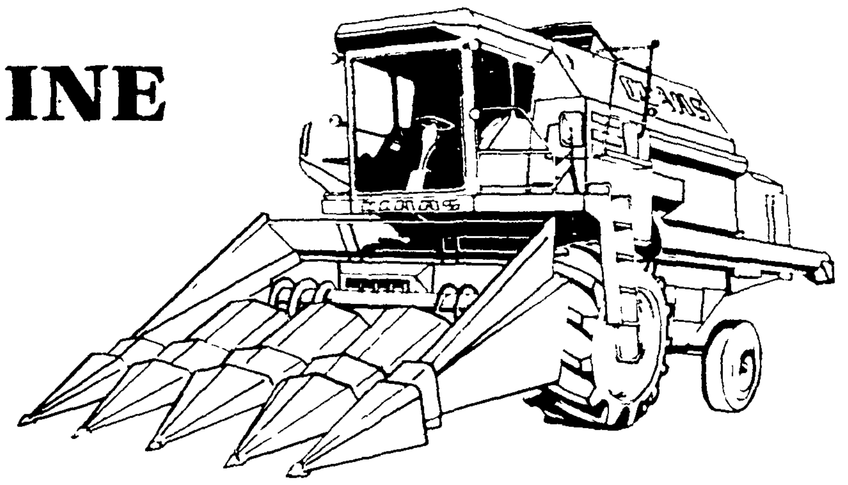

2 LOCATIONS

TUESDAY, OCTOBER 25, 1983
10:00 A.M. to 3:00 P.M.
at the
IRA ALTEMOSE FARM
Brodheadsville, Pa.
Monroe County
At the intersection of Rt. 209 and Rt. 115
Watch for signs

THURSDAY, OCTOBER 27, 1983
10:00 A.M. to 3:00 P.M.
at the
ALBERT HACK FARM
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MF 180
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MF 321 Corn head
IH 3200 Skid Loader
MF 43 corn head

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1978-79 John Deere 6600 Sidehill Combine 1500 hrs. 6 row narrow corn head
15' - 0" Grain Head
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Grain Dryer - AS 600 Super B
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New Tractor Sale	List Price	Sale Price
5088 w/cab	$56,691	$43,850
3688 w/cab	$57,308	$33,850
3288 w/rops	$35,600	$25,500
3088 w/out rops	$31,183	$24,250
784 w/TA	$23,203	$17,950
684 w/TA	$21,650	$16,850
484, 42 HP	$15,736	$12,200
New Tillage Equipment		
IH 720 5F 18" auto-plow	$10,762	$7,500
IH 510 4F 18" plow	$4,989	$3,950
IH 475 12' disk harrow	$5,971	$4,850
IH 480 13' disk harrow w/cyl.	$7,677	$6,150
IH 496 19' disk harrow, wing flex	$14,065	$10,850
IH 4500 VS field cult., 12'6"	$3,014	$2,600
IH 5511 Chisel Plow	$3,462	$2,750
IH 6511 conser.-till	$7,992	$6,650
New Hay & Forage Equip.		
IH 428 baler w/thrower	$10,507	$8,450
IH 1190 mower cond.	$9,959	$7,950
IH 781 harv. w/2R head	$15,745	$12,650
IH 881 harv. w/2R head	$18,313	$12,950
IH 130 16' forage box w/tan 12T gear	$8,515	$6,450
Material Handling		
IH 2250 loader w/72" bkt.	$3,528	$2,850
IH 1250 grinder mixer	$8,023	$6,650
IH 30 3 pt blade, 8'	$973	$795
IH 40 3 pt blade, 8'	$1,290	$985

USED TRACTORS

IH 1086 D w/cab	$22,500
IH 966 D hydro w/cab	$12,500
IH 684 D, vSOLDhrs.	$13,650
IH 706 G, w/wide front	$4850
IH C	$1250
IH 484 D w/300 hrs.	$10,500
IH Super C, real nice	$2150

USED HAY AND FORAGE EQUIPMENT

IH 37 Baler w/thrower	$1800
IH 430 baler w/thrower	$2850
NH 27 forage blower	$975
JD 34 forage harvester w/2 row head	$1500
IH 2 rw wide and narrow head *for 720 and 830 harvesters*	$1650
Lamco 16' forage box w/roof	$1850
IH 56 forage blower	$750
Badger 16' forage box w/roof, tandem running gear	$3500
IH 45 conv. blower	$100

USED TILLAGE

IH 710 5F 18" auto. plow w/cyl.	$3950
IH 401 16' Harrow	$600
IH 560 6F 16" plow w/cyl.	$1500
Brillion 15' SOLD ipacker (end sport)	$1250
IH 309 3F 1SOLDw	$450
JD 21' transport harrow	$1250
IH 550 5F 16" plow	$1250
IH 710 5F 16" plow w/cyl.	$2250
IH 541 4F 16" 3 pt. plow	$500
IH 311 3F 14" 2 pt. plow	$375

SPREADERS AND MISC.

NI Model 211 Spreader (Nice)	$1350
JD 300 elevator, 30'	$500
JD R gr. dr. spreader	$500
JD 29B 100 gal sprayer	$750
NI 214 spreader w/hyd. endgate	$1850

USED PLANTERS AND DRILLS

IH 56 4 row	$1250
IH 400 4 row 38"	$1500
JD Van Brunt drill	$500
IH 249 2R planter	$500
IH 400 6 R 30" Planter, w/insect	$3500
IH 449A 4 R planter	$500

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AC "E" Combine
NI model 177 Elevator, 31', w/5 HP engine
AC 2313 Disk Harrow, 13'
JD model F620H 4 bottom plow
AC 3 btm. snap coupler plow

Other New Equipment
G.T. 370 Grain Dryers
G.T. 580 Grain Dryers
G.T. Quick bin
Moore Uni Drill 10'
Brillion 8' 9" soil builder
Brinley DD500 Disc harrows
Unicorn log splitter
AC air corn planter

Used Equipment

AC 5 btm. semi-mtd. spring trip plow w/new bottom
NI 319 mtd. corn picker w/315 sheller
Minneapolis Moline model L Uni System w/combine
AC 7000 Tractor & cab
JD 7700 Combine w/heads
MF 510 combine w/heads
JD 24T baler w/#2 bale thrower
IH 303 Combine
NI 702 Uni System
AC K240 Corn Header
MF 44 Corn Head

Special
NH 1400 combine, model 1400,
13' grain head, excell. cond., low hours,
equipped for corn & soybeans

FOB Herndon, Pa.
Routes 147 & 225

MECKLEY'S GARAGE
758-3915 (717)
Herndon, Pa.

Buy at Dealer Invoice

Model	Invoice Price
No. 323 Single Row Cornpicker • Plus Freight & Setup Charges	$6107.97
No. 325 2-Row Picker with 327 Husking Unit • Plus Freight & Setup Charges	$9888.30
No. 406 Rake • Plus Freight & Setup Charges	$2041.44

We're Dealing Straight From the Invoice

Now, for a limited time, we'll sell selected New Idea equipment on our lot at the factory invoice price.

We are sacrificing profits now to lower our inventory investment cost during the winter months.

INVOICE
FACTORY INVOICE PRICING

THINK ABOUT

- Our low prices
- Your trade in allowance
- Investment tax credit
- Re-Investing your PIK income

See us now. Check the invoice and save on top quality New Idea equipment at our lowest possible price.

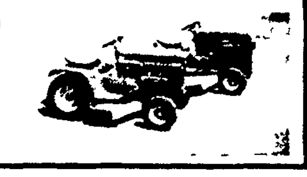
AVCO NEW IDEA

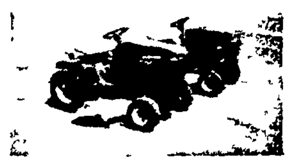
MILLER EQUIPMENT CO.
RD 1, Bechtelsville, Pa.
215-845-2911

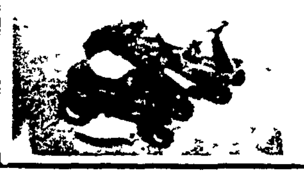
JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICE

INVENTORY REDUCTION
FOR IMMEDIATE SALE
PRICES SLASHED
UP TO 20%
ON USED EQUIPMENT



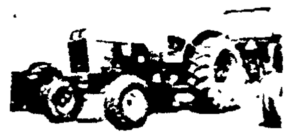




SEE OUR SELECTION
OF USED JOHN DEERE
RIDING MOWERS &
LAWN/GARDEN TRACTORS
PRICES REDUCED

JOHN DEERE 2940 TRACTOR

TSS Trans. w/Hi-Lo,
Dual Outlets, 18.4-34
Good Condition was $17,900
Reduced to $16,900



WHITE 2-135 DSL TRACTOR

Cab w/Air - Htr , 500 Hrs
Triple Remote 20 8-38
Excellent was $25,900
Reduced to $22,900

USED JOHN DEERE 4440 TRACTOR

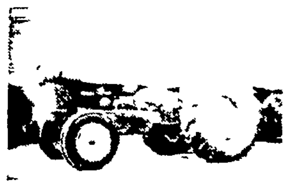
Quad; S.G. Body; 175 hrs.
w/JD 260 hydraulic loader
85" bucket.
excellent condition
Finance JDFP
No Finance Charges Until March 1, 1984

USED NEW HOLLAND 1895 S.P. FORAGE HARVESTER

w/metal detector;
w/7½' hay pick up
w/4 row "N" row crop
Finance JDFP
No Finance Charges Until April 1, 1984

USED JOHN DEERE 7720 DSL COMBINE

4 yrs. old; 1450 hrs.,
cab w/air, heat, AM-FM radio,
auto HHC; low shaft mon.; straw spdr ,
w/215 flex plat.; 643 corn head
excellent condition
Finance JDFP
No Finance Charges Until Sept 1, 1984



FORD 3000 GAS TRACTOR

W.F.E.
was $4,950
Reduced to
$4,250

DEUTZ D680 7A DIESEL

with MF/WD
Excellent, with cab, radio,
heater, air
Was $16,900 Reduced to $15,900

JOHN DEERE 1530 DSL.

LPTO, PS, 700 hrs.
Reduced to $7500

JOHN DEERE 2630 DSL.

new tires, LPTO,
Was $10,200 Reduced to $9500

MASSEY FERGUSON 1085 DSL TRACTOR

Dual Hyd. Outlets, 18.4-34 Tires
was $8,500
Reduced to $7,900

USED GRAIN DRILLS

JD FB177B Fert, Sng d.o , GSA, Hyd L	$2150 reduced to $1775
JD FB157B Fert; Sng d.o , GSA Hyd L	priced at $1650
JD FB177 Fert, Hyd L	$795 reduced to $675
Ontario 16 Sng d.o.; GSA, Hyd. L	$1595 reduced to $1250
Oliver 13x7 Fert, Sng d o , GSA; Hyd L	$1250 reduced to $1000
Oliver 16x8 Fert; Sng d o , GSA, Hyd L	as is $250

summer bonus
BONANZA

Looking for a good used tractor? See our selection and take advantage of finance charge waiver to March 1, 1984

* Availability of John Deere financing subject to approval of credit.

** Dealer contribution to this used equipment may affect customer price.

OUR SELECTION OF USED TRACTORS

JD 4240 SGB, Q/R, Dual Wheels
JD 2940 Dsl, TSS Hi-Lo Trans.
JD 2630 Dsl, Row crop util.
JD 1530 Dsl, w/Sauder Loader
JD 4620 Dsl, P/S, Cab.
JD 3010 Dsl, WFE
JD 2510 Dsl
JD 2010 Gas, Row crop
JD 730 Dsl
JD "A"
JD "B"
WHITE 2-135 Cab, low hrs.
MF 1085 Dsl
MF 65 Dsl, row crop
MF 65 Dsl, Util. w/Farm Hand ldr.
MF 135 Gas, P/S, 3-pt, Hi-Lo
FORD 3000 Gas
FORD 9N
DEUTZ 6807A Dsl., Cab, MF WD, AM-FM, tape

PRICES SLASHED

USED FORAGE EQUIPMENT

JD 3800 Harv., long tong. 1000 pto

JD adapter plate 244 C.H.

JD 3800 Harv., reg. tong. 1000 pto

JD 125 Chuck Wagon

Forage equipment available for waiver to April 1, 84 JDFP

NI 206 SPREADERS NEW IDEA 95 BU. GROUND DRIVEN SPREADERS

OVERSTOCKED!
MUST REDUCE INVENTORY!
PRICES AT COST!

206 New Idea Spreader
Available With or
Without Steel Wheels
With or Without Endgate Att.

USED NEW IDEA "UNI" EQUIPMENT

705 Dsl Power Unit w/CAB
    767 forage harvester
    763 3RN row crop att
    766 hay pick up att
702 Gas Power Unit w/
    725 3RN Corn Head
    727 Husking Bed
762 2RW Row crop (pts only)
767 Harvester (pts only)

USED MANURE SPREADERS

NI 224 10 ton, tandem h.end, upper b.
NI 218 8½ ton, tandem h.end
NI 214/216 195 bu, flail, mech. end.
NI 213/217 165 bu, sngl b, h.end
NI 213/217 165 bu, sngl b.
PAN ATT 224/218 spde NI
NI 206 gr dr, stl whl.

NEW JD TILLAGE TOOLS —IN STOCK—

Disk Harrows

115 - 10'0" - Save $250.86
215 - 11'5" - Save $411.10
215 - 12'10" w/cush gangs - Save $441.13
315 - 12'10" - Save $616.69
235 - 18'6" dura cush center fold - Save $1111.95
1010 field cult 25½' flex, horiz fold - Save $681.68
1610 chisel plow 10' 3-pt. ht. - Save $135.98
712 mulch tiller 11'3" - Save $507.43

MONEY OFF THE TOP

TILLAGE DISCOUNTS

John Deere discounts these new tillage tools by 5 to 10 percent and waives finance charge to March 1, 1984

Just as you're getting into the fall spring tillage season John Deere announces a big dollar saving offer on major tillage tools. Depending on the tillage tool you buy, see the chart, your dealer will deduct 5 or 10 percent from the latest base machine price. For example, the discount on an 18½-foot 235 Disk would save you more than $1100.

Or any of these you can save even more by financing with John Deere. Finance charge will be waived to March 1, 1984 for qualified buyers.*

Machine	Discount from Suggested Retail Price
Moldboard Plows	5 percent
Chisel Plows	10 percent
Field Cultivators	10 percent
Disks	10 percent
Mulch Tillers	10 percent
Mulch Finishers	10 percent

*Availability of John Deere financing plans subject to approval of credit
This offer may be reduced in value or withdrawn at any time

LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601
Phone -717-291-1046

FARM EQUIPMENT

FARM EQUIPMENT

NEW EQUIPMENT

TRACTORS

JD 2150
JD 2350
JD 2550
JD 2750
JD 4440 w/SG & QR

TILLAGE EQUIPMENT

JD 235 19'11" Disc
JD RM4 Cultivator
JD 1250 3B Plow
JD 1010 Field Cultivator
JD 1610 Chisel Plow
JD 415 Rotary Hoe
Glenco SSP 7B Soil Saver

HAY TOOLS

NH 489 Haybine
NH 58 Thrower
JD 337, 347W Balers
JD 660 Rake
JD 3940 Harvester
NH 38 Crop Chopper
NH 311 & 316 Balers
NH 451 Mower
NH 256 & 258 Rakes
NH 782 Harvester
NH 1037 Bale Wagon

COMBINES & HEADS

JD 215 Flex Platform
JD 643 Corn Head
JD 6620 Combine
JD 213 Flex Platform
JD 444 C. Head
JD 4420 Combine

OTHER EQUIPMENT

JD 148, 158, 175, 245 Loaders
JD 1065, 1075 Wagons
JD 78 Blade
JD 450 Spreader
NH 213, 519, 679, 795 Spreaders
NH 230 Wagon
Century 500 Gal. Sprayer
DeLaval Manure Pump
NH 8 Crop arrier

PLANTING EQUIP.

JD 7000 Cons. Pltrs. 4R & 6RN
JD 8200 18x7, 21x7 Plain Drills

USED EQUIPMENT

JD 4020 Tractor
IH 966 Tractor
JD 2040 Tractor
NH 791 Manure Spreader
NH 320 Wire Baler w/hydraformatic & quarter turn chute
AC K2 Combine
JD 643 Corn Head
JD 244 Corn Head
JD 7000 6R Planter w/Dry Fert.
NH 770 Fg. Harv.
Fox Custom 90 Fg. Harv.
Schwartz #860 Mixer Feeder

SPERRY NEW HOLLAND

WAIVER OF INTEREST ON MANY ITEMS

JOHN DEERE

I. G. SALES

DeLAVAL Silverdale, PA 18962 **Quonset**
JAMESWAY 215-257-5135 **Buildings**

USED EQUIPMENT

Taylor-Way 14' Disc
Loader for AC 160
NI 10 Ton Spreader
Ford #535 Mower Cond.
NH 358 Grinder Mixer w/scales like new
IH 1150 Grinder Mixer w/scales like new
438 Corn Head for L or M Combine
14' Cultimulcher, Like new

USED TRACTORS

AC 7060, low hrs.
AC D17 Diesel
Case 2290, like new
Farmall H for Parts
Used Lawn & Garden Tractors w/mowers

NEW EQUIPMENT AT USED PRICES
Many Models
New Holland Spreaders

NEW EQUIPMENT

Amco Disc
Bale King Hay Wagons
NH Skid Loaders
Hub Tool Elevators formerly N.H.
Gleaner Combines

NEW HOLLAND MANURE SPREADERS

FULL LINE OF AC TRACTORS INCLUDING THE NEW 8000 SERIES CALL FOR DISCOUNT PRICES.

BHM FARM EQUIPMENT INC.
RD1, Annville, PA
717-867-2211

SILOS & UNLOADERS

LANCASTER SILO CO.

2008 HORSESHOE ROAD
LANCASTER, PA 17601
"LANCASTER" CONCRETE STAVE SILOS

Parts - Service - Installation for
STARLINE-VAN DALE-SUPREME-RITCHIE

USED SILO:
1 - 20x70 LANCASTER SILO w/Steel Chute $9500.00 Erected Local Area.

Silo Repair Work - Roof, Fill-Pipe, Distributors, Replaster Silos.

REASONABLE RATES DURING FALL & WINTER AFTER SEASON SCHEDULE.

Used and Rebuilt Silo Unlaoders In Stock. If you need a good unloader, come look at our selection. All brands in stock. You can buy AS IS or rebuilt. Biggest selection of new and used unloaders in Penna.

USED & REBUILT UNLOADERS:
REBUILT STARLINE UNLOADERS:
12 Ft. - 14 Ft. - 16 Ft. - In Stock
PATZ UNLOADERS — Basic Units Only
1 - Model 12-16 .... $800.00 ea.
2 - Model 16-20 .... $1000.00 ea.
SILO MATIC
14 ft. Rebuilt unit
16 ft. Rebuilt unit
BADGER - As is Units: Basic Unit
16 ft. Surface Dr. $500.00
16 ft. Ring Dr. $500.00
20 ft. Surface Dr. $500.00

1 - Complete set (front & rear) Extra Heavy Steel Wheels to fit I.H. 544 Tractor (Ask for Paul)

CALL 717-299-3721
LARRY HIESTAND - OFFICE
WAYNE LLOYD - SALES

FARM EQUIPMENT

Wanted
Corn head for 2100 Fox forage harvester, narrow or wide.
York County
717-225-3616

BUILDINGS & SUPPLIES

For Sale - 1 double hung 4 window porch unit; 1 double hung 3 window porch unit; double hung, double window unit, not yet dismantled, 215-273-3095.

For Sale - Varco-Pruden clear span, straight sides all steel buildings. 1-12 roof pitch, galvalume steel roof, colored siding- 30# live load 20# wind load.

50x75x14-	$11,469.
50x100x14-	$15,194.
60x100x14-	$18,393.
60x125x14-	$21,600.

Price includes delivery to site (excludes any applicable tax). Unlimited sizes available. Tam Agri Corp., Dillsburg, Pa. 717-432-9738. In Maryland call Vernon Bolte 301-429-8960. Limited offer.

For Sale - Hand Hewn beams from old shed; foot wide weathered pine siding boards. Will sell to best offer. 215-286-5298.

Wooden shed, 24x36 best offer, overhead metal garage door, electric opener, 14x11x16", $250, 717-733-4336.

44'x54' bank barn. Slate roof. Extra lumber, 2 hay mows converted to poultry housing. 215-767-6750.

For Sale - Oak lumber sawed to fit your needs, 26 cents board ft. Buck Run Sawmill, Elam K. Zook, Box 59, Christiana RD#1, Pa.

SILOS & UNLOADERS

20x60 Harvestore, white top, sweep auger, $8500, 301-797-3921.

QUALITY POLY BALE BAGS

at a competitive price.

Two Sizes - Black or White
54" diameter - 70" diameter

Call
Earl Swartzentruber, Jr
717-626-2866
or
James Harnish
717-656-6714
RD 3, Box 252
Lititz, PA 17543

S & S SILO REPAIR

WE DO

* Most Any Kind of Stave Silo Work
* Move Silos * Replastering
* New & Used Extensions
* New & Used Roofs & Chutes
* Unloaders
* Wooden Calf Hutches
* Fiberglas Feed & Silage Carts
* Install Silage Distributors & Fill Pipes
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SHOTCRETE RELINING
Stronger Than Plaster
Seal & Strengthen Your Silo With Shot Crete
5 Year Unlimited Guarantee on this reliner

All Silo Work Done From The End Of October Until The End of June Will Be Done At A Reduced Cost.
We Cover A Wide Area
Box 423 RD 1 Gap, PA 17527
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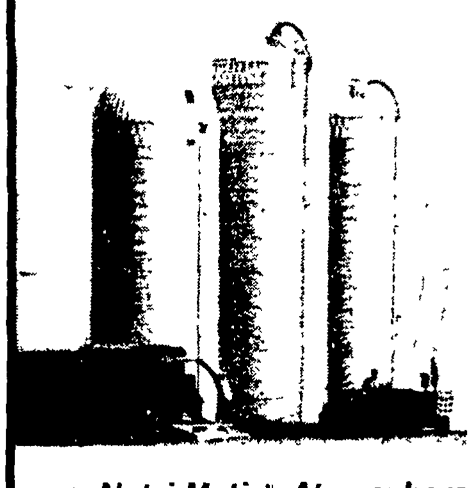
MADISON® SILOS...



- Roller Mills
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- Gunite or Plaster Inside Finish
- Extensions
- Distributors And Fill Pipes
- Used Silos
- Starline Silo Unloaders
- Laidig Bottom Unloader Parts & Service

STARLINE LAIDIG

★ Nutri-Matic® Atmosphere Controlled, Bottom Unloading Silo For Haylage.
★ Grain-O-Matic® Atmosphere Controlled, Bottom Unloading Silo For High Moisture Grain.
★ Madison Silo® Top Unloading Silo For Corn Silage.

CALL US TODAY

MADISON SILO CO. of PENNSYLVANIA
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Ephrata, Pa. 17522
Phone
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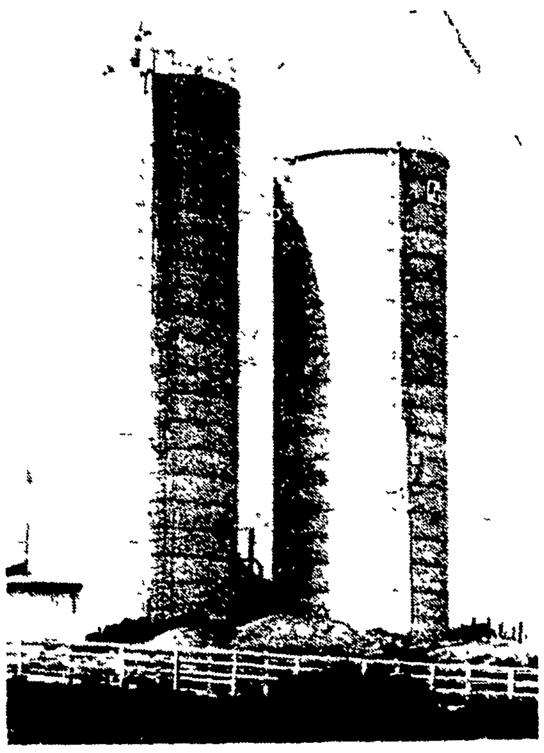
Sollenberger Silos

SOLID 6" CONCRETE WALLS



* TOP UNLOADING SILOS
* BOTTOM UNLOADING, OXYGEN-CONTROLLED SILOS FOR HAYLAGE
* BOTTOM UNLOADING, OXYGEN-CONTROLLED SILOS FOR HIGH MOISTURE GRAIN

- JAMESWAY
- LAIDIG

SS

Sollenberger Silos Corp.
A Nitterhouse Company
Box N Chambersburg, PA 17201 [717] 264-9588
A Producer of Quality Concrete Products Since 1923

SILOS & UNLOADERS

Call us for all your silo need. Detweiler Silos, RD 2, Box 267D, Newville, PA 17241. 717-776-6321 or 717-532-3039.

Torn down wooden silo, approx. 8'x30', will sell boards, $400, 717-866-5710, ask for Jake.

Badger silo unloader, 4-24', Jamesway silo unloader Vol. 1, 4-24' silo, 2 cement silos, 100', 100' Jamesway jumbo U trough auger, 1 Hercules silo unloader. 215-933-2356 after 7 PM.

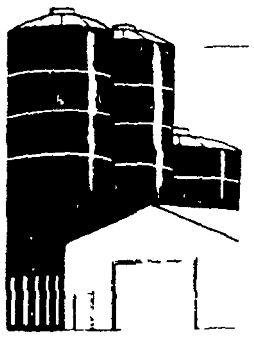
- Fickes Silo Top & Bottom Unloading
- Van Dale & Silo-Matic Equipment

PH: 717-284-3111

TERRE HILL
SILO CO. INC.
Terre Hill, PA
17581
PHONE:
215-445-6736
53 Yrs. Sales Serv.
Top Unloading
Bottom Unloading

SILOS & UNLOADERS

PARTS AND SERVICES for
Harvestore® Unloaders and Structures



PENN-MAR AGRI
Parts & Service

Main Office &
Service Center
RD 2, Box 424
Palmyra, PA 17078

Call: Nelson L.
Ziegler
717-838-5754

Parts for Unloaders:
- Cutter and Conveyor Chains, Hook Assemblies, Sprockets, Bearings, Seals, cutter Arms, Forks, Backbones, Discharge Housing, Unloader Doors, Motors, Belts, etc

Parts for Structures:
- Breather Bags, Vent Flaps, Access Doors, Roofs, Structure Sheets, Sealer, Steel Floors & Plates
- Blower Pipe - Spiral, Plastic or Straight Center Fill Pipe - 9" or New Style 12"

New & Used Equipment
- New Unloaders for Forage & Grain
- Belt Shuttle Feeders & Chain Conveyors
- Auger Feeders & Conveyors - 10" & 13"
- Batch Mixers/Weighers

Used Hercules 17' or 20'	$4900.00
Used Goliath 20' Model 70	$6900.00
New Power Sweep	$6700.00

Specializing in dismantling and re-erecting steel structures, Earl B. Zimmerman, RD 4, Box 93 Royer Road, Lititz, PA 17543, 717-733-0408.

MARTIN'S SILO REPAIR
Moving Concrete Stave Silos
Also
- New & Used Extensions
- Replastering
- Fill Pipes
- Distributors
- Roofs
- General Repair

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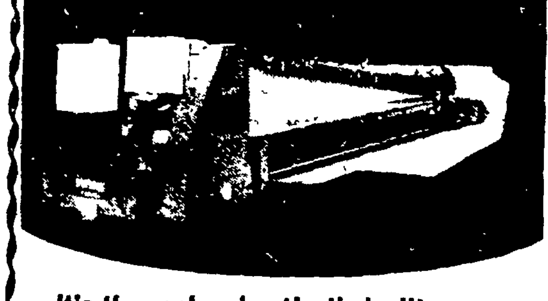
215-484-2517

Had it with your old unloader?
Replace it with the new Supreme Forage Challenger!



It's the unloader that's built to last. And last.

Built to uncompromising standards of quality Super-heavy construction Short-arming is eliminated in all but the toughest conditions Cutter speed can be matched to cutter need Cutter arm can be directed forward or backward Exclusive chain guide minimizes chain wear Keeps cutting knives at proper angle Designed for do-it-yourself routine maintenance Check out this Supreme Unloader today

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Lititz, Pa. 17543
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Penn-Mar Agri
RD 2, Box 424
Palmyra, Pa 17078
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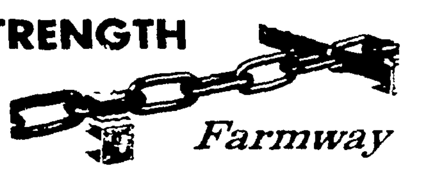
SILOS & UNLOADERS

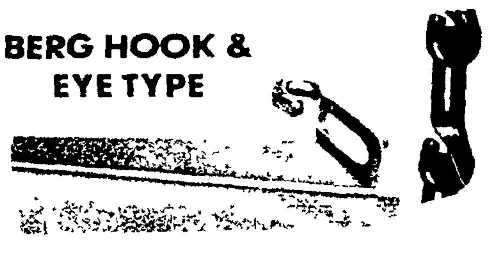
SILOS & UNLOADERS

FARMWAY & BERG BARN CLEANERS REPLACEMENT CHAIN
For Any Make Cleaner

STRENGTH



BERG HOOK & EYE TYPE



Special Discount
$9.00 per ft. of either chain
We Also Serve New Jersey

Gutshall's Silo Repair
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USED HARVESTORE® SYSTEMS FROM
Penn-Jersey Harvestore Systems, Inc.
*** A Fully Insured, Authorized Harvestore Systems Dealer ***

COMPLETE USED CONSTRUCTION

UNLOADER SERVICE --

Rebuilding new and used parts.

STRUCTURE AND UNLOADER MAINTENANCE AVAILABLE

* * *

WE'RE ALL HERE TO HELP OUR CUSTOMERS MAKE IT WORK!

P.O. Box 7, New Holland, PA
717-354-4051

2033 Structure/Sweep Arm Unloader $20,400.00
2060 Structure $30,300.00
2030 Structure $11,000.00
2028 Structure/Sweep Arm Unloader & Mill $19,500.00
6219 Slurrystore Structure. Call For Details 2 Sweep Arm Auger Unloaders Each/ $2,500.00

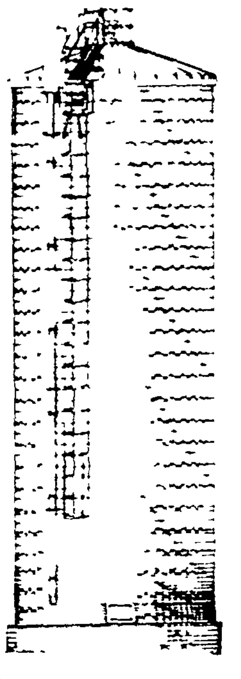
RE-LEASES AVAILABLE & PAYMENTS:

2033 Structure/Sweep Arm Unloader $348.08 per month
2070 Structure/Goliath Unloader $819.61 per month
4219 Slurrystore Structure $352.04 per month

YES, WE CAN BUILD THE STRUCTURES THIS FALL!!

FICKES BOTTOM UNLOADING IS THE BEST WAY TO HANDLE YOUR HAYLAGE

- Marble white color reflects 3 times better than dark color
- Corrugated Vibrated concrete staves for increased strength
- White reflective low-profile roof
- Laidig bottom unloader
- Knowledgeable experienced cordial field representatives
- Thorough skillful, on time delivery & erection
- Enjoy the many benefits of bottom unloading



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FICKES
SILO COMPANY, INC.
NEWVILLE, PENNA. 17241
Phone 717-776-3129

GRAIN DRYING & STORAGE
Prompt Unloading
We Buy And Sell

Combining and Hauling

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Loc: ½ Mile North of Bird-In-Hand on Beechdale Rd

- Grain Bins, 1800 bu. cap As Low As $1551
- Wet Bins up to 4900 bu capacity
- M-C Continuous Flow Dryers PTO models or all electric models (New or used)
- Super B Automatic Batch Dryers (New or used)
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- Rolfes Fans: Vane Axel or Centrifugal for Aeration or Drying
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- Augers, Cleaners, Accessories
- Polyglass tanks big early order discount

Direct factory distributors
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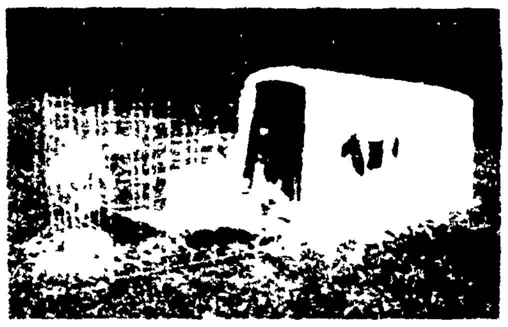
DAIRY EQUIPMENT

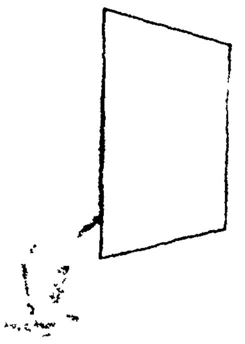
DAIRY EQUIPMENT

LANCASTER SILO CO.
2008 HORSESHOE ROAD
LANCASTER PA 17601

Fiberdome Calfhutch System



CALF HUTCH IN STOCK NOW W/WIRE FENCING
LIST PRICE $295.00 - SALE $269 00 CASH



FORAGE FUNNEL
CHUTE SYSTEMS
- Economical to Use
- Simple to Install
- Easy to Operate
- Eliminates Dirty Chutes
- Directs Flow of Feed
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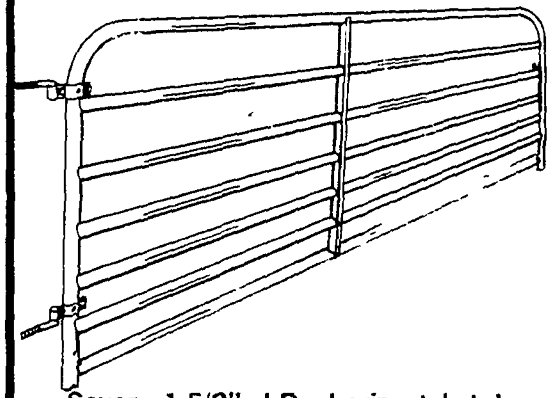

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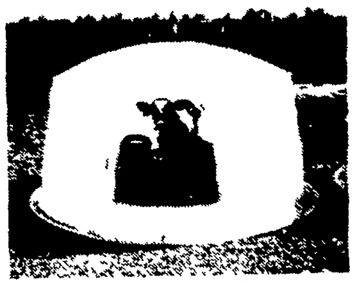

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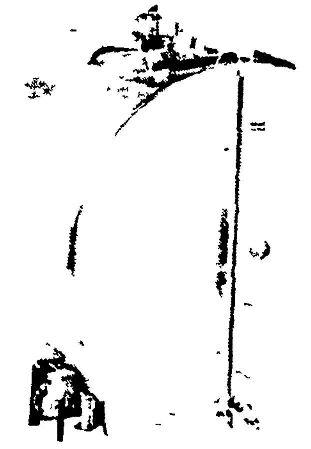

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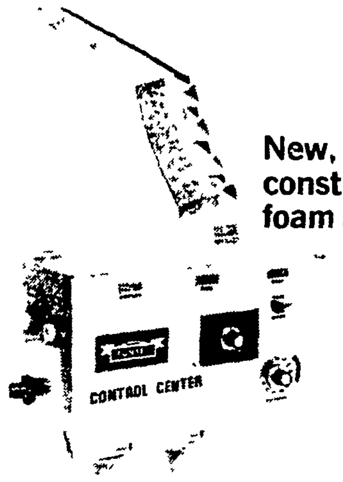

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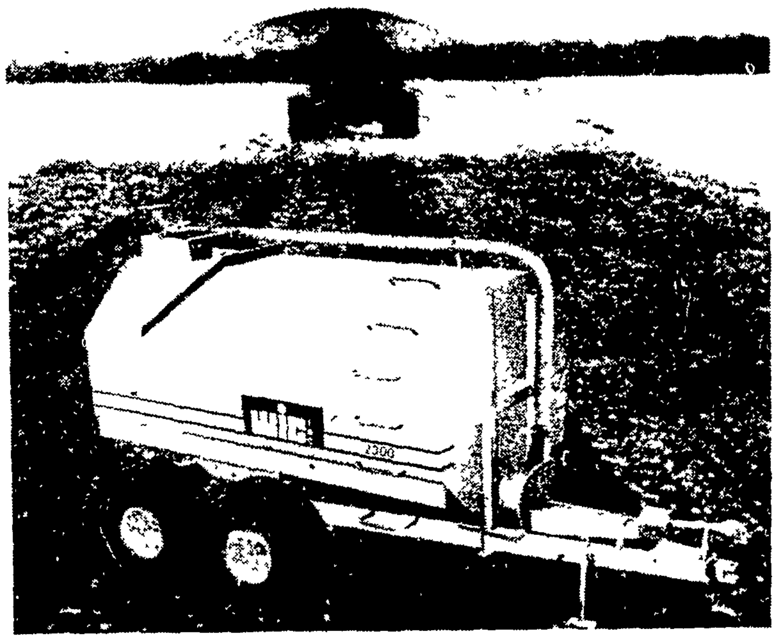

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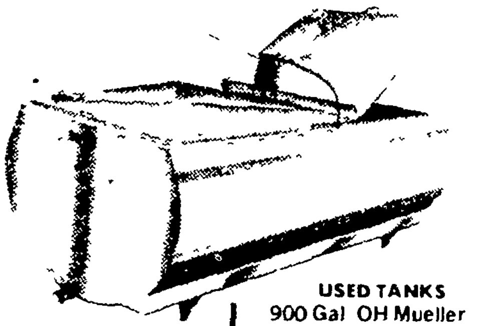

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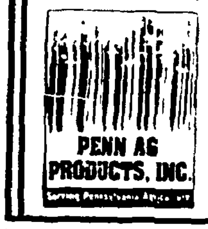

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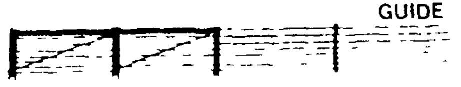

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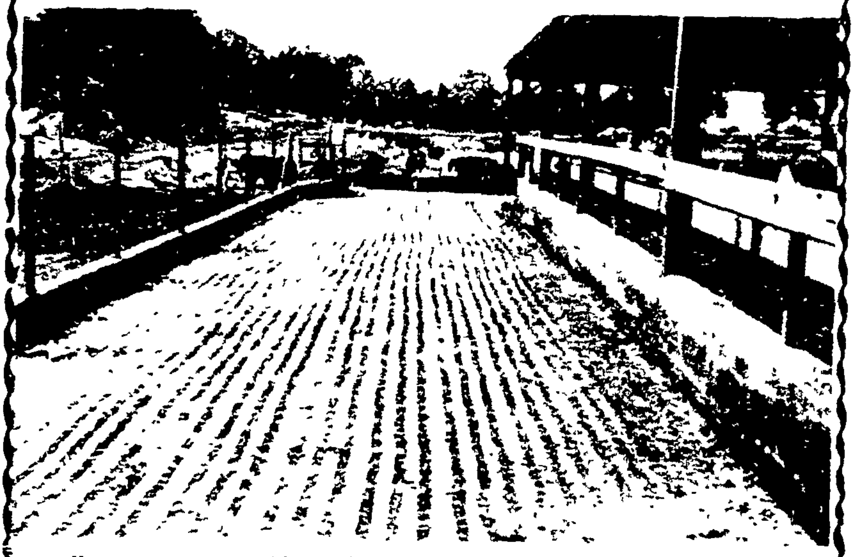

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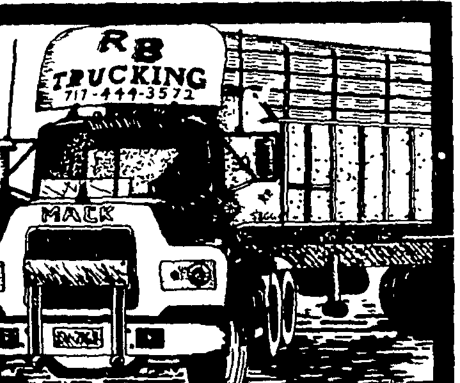

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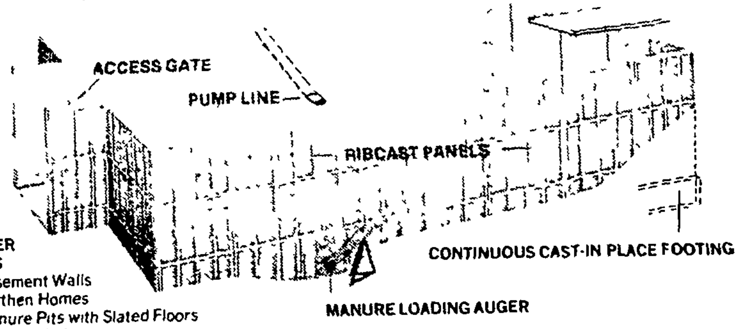

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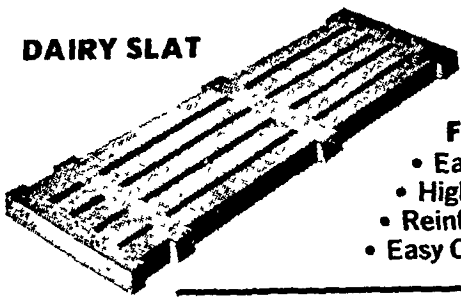

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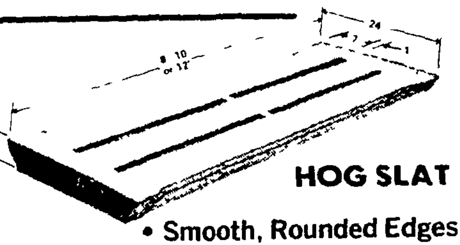

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For Sale - 8 large Holstein heifers, ready to calf, will trade for open heifers, 215-593-5665.

For Sale - Herd of 50 young Holstein cows, A.I. breeding, some Registered. Will sell your pick. Call 717-229-2055 at 12-2 PM.

Holstein heifers freshening October through February, calfhood vaccinated, 70 to pick from. 301-578-1224.

Polled Herefords, 20 cows due in Spring, one Registered bull. Chester County. 215-696-1387.

Service age bull for sale, by Ack-Lee Chief Moneymaker from a VG-88 Elevation dam w/2 records over 25,000M, 900F, next dam excellent. Chester County 717-529-2950.

For Sale - 15 Registered Holstein cows, take your pick, popular sires include Pete, Elevation, Job, Conductor, Etc. All have pedigrees. Classified and records. Price range from $900 to $1400. All good, sound cows w/good udders. Several just fresh. 215-869-3502.

12 bred Holstein heifers, 5 are registered, some close springers, Floyd Baker, 814-695-3418, Blair Co.

Hereford cattle for sale - 8 cows 800-1000 lbs. each $500 each; 11 steers 300 lbs. each $300 each; 6 heifers 300 lbs. $300 each, 201-766-3927.

For Sale - THREE NEW TREND Registered Polled Hereford heifers, A-1 bred to "GRAYSTONE ENGRAVER", GRAND CHAMPION, 1983, HARRISBURG FARM SHOW, due to calve Mar. 84, $700 each, also 2 bull and 2 heifer calves by the "ENGRAVER". Lu Rose Estate Farm, Hagerstown, MD, 301-739-2440.

CATTLE

Registered Holstein bulls, 1 year old and younger. Out of dams with records to records up to 28,000 milk and up to 1100 fat. Stump Acres 717-792-3216 York County.

"Wisconsin and Canadian Dairy Cows For Sale - 1st, 2nd, and 3rd calf. Fresh and close springers. Cash, or credit with down payment. Specialize in selecting cows for customers. Free delivery. Reuben Greenberg, Inc., Columbus, New Jersey 08022. Phone 609-298-1021."

Wanted - Entire dairy herd, also, bred Holstein heifers. Will pay $25 more per head than the going price. Don't sell until you call me. Reuben Greenberg, Inc., Columbus, NJ 609-298-1021.

Buyers & Sellers of Livestock – Be sure to check the advertisements for cattle in the Lancaster Farming. You'll get results! 717-394-3047 or 717-626-1164.

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Western & Canadian dairy cows for sale. As a service, we will select and deliver. Many years experience. Terms available. Also lease program available. I. Greenberg and Son, Box 249, Mt. Holly, NJ 08060. Telephone 609-267-1101

REG. HOLSTEIN
SERVICE AGE BULLS
All are sired by the top A.I. bulls of the breed. Many from high record dams, all bulls are home raised w/a large selection to choose from. Call John Barley, Star Rock Farms 717-872-4058.

Wanted - Herd of dairy cows or heifers, 301-358-0412.

For Sale - Reg. Angus cows with calves. Rebred to top bulls. Al. York Co. 717-229-2475.

For Sale - 5 Registered Jersey cows. 717-334-0292.

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Will lease to good farmers 1st calf heifers w/option to buy.

Write: Sunrise Farms
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1 purebred Simmental bull, 16 head Charolais cows bred to Simmental bull. 717-286-6411 or 717-286-0215.

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SPECIAL FOR THE MONTH OF OCTOBER

10% OFF on all our bulls. Get your heifers bred now for Fall freshening next year.

Service age registered Holstein Bulls by Pete, Star, Astronaut, Glendale, Chief and others.

Dams classified Very Good with records over 29,000 lbs. milk and 1195 lbs. milk fat.

STUMPLAND FARM
215-488-1965

HORSES & MULES

Standard Bred stud service, stands 16-2 dark color. With white markings. Melvin Stoltzfus, P.O. Box 22, Talmage, Pa. 17580

4 year old standardbred, sound, traffic safe. John S. Stoltzfus, 54A Old Leacock Rd., Ronks, PA 17572, ½ mile north of Gordonville.

Wanted - Double set work harness with buchman, in good condition, also wanted bay and white work horse. 717-442-4259.

13 year old American saddlebred, broke to ride and drive, 16-2 hands, elegant in harness, guaranteed sound of wind and lamb, sensible, X-fine harness champ, $1500. 215-484-4483 after 7 PM.

Standardbred horses for sale, broodmares in foal, eligible to Maryland stakes, reasonable, 301-845-6365.

Consignment Horse Sale, Friday, October 21, 1983. Friends Stockyard, Accident, Maryland, sponsored by Garrett County Horsemen's Association. Tack, 6:30 PM, horses 9:00 PM. Information: 301-387-6370, 814-662-2823, 301-895-5783.

CATTLE

For Sale - Holstein heifers, Registered and Grades, due in September and October. 717-263-9091.

Stock reduction sale, registered polled Herefords, open & bred Heifers, bred cows & cows w/calves, no reasonal offer refused above beef price. Service aged bulls. W. Paul Halsey Pylesville, MD, Phone 301-452-8621 after 6 PM. 301-452-8610.

ATTENTION DAIRYMEN - ALWAYS AVAILABLE

Large selection of high producing registered and grade Holstein first calf heifers and cows
Terms. Cash or short term credit Also, our very popular lease plan
All health precautions taken
If you need a new herd additions or replacements call or write

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1983 Calf Crop
Sired by Achilles, Moving On and other trait leading Sires
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EXCELLENT SELECTION OF POLLED CROSSBRED BULLS
ALL PRICED TO SELL!!!
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Advancer Sleeping Milestone
Majestic Victory Phil
Victory Time Predictor
Shadewell Fascinator
Gramhil leader Sophia Samson
B.S. Noble Superb
1982 DHIA Herd Average
11,007 and 35F
40 are first and second lactation

HORSES & MULES

4-year-old saddlebred gelding, well broke, sound. John L. Fisher, Pond Road, Ronks, PA 17572.

For Sale or Trade - Registered Appaloosa mare and filly. Will trade for quiet pair draft horses. 201-689-3014.

Beautiful team Haflinger horses, geldings, also Grade Haflinger mare and geldings, champion bloodlines, very gentle. 814-445-6358.

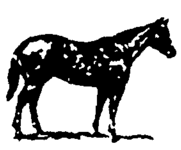
For Sale - 1 pair of reg. Belgian Mares 3 and 4 year old, full sisters red sorrel's with white manes and tails and stripes, broke the best in foal for 1984, also 1 coming 3 year old in foal. Stephen R. Glick, 209 Cedar Dr., Leola, PA 17540 at Millport.

Registered Arabian filly, refined, athletic, bay, 2 yr. old. Great disposition. Very correct. Eng., pleasure, dressage, endurance, halter prospect, $1,800. 215-488-7059.

HORSES & MULES

Reg. Belgian team 5 year one gelding, one mare, bred, 17-18 hands, broke well. 315-548-5211 Ontario County. Richard F. Bremer, Mary Street, RD 1, Phelps, NY 14532.

JEN-AIR ACRES



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All Registered Quarterhorse, Appaloosa and Paint Horse Sale to be held at the Eyler Stables, Thurmont, MD. Saturday, October 29th at 12 Noon.

For consignment forms and information contact the Eyler Stables, Thurmont, MD

301-271-7426

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American
Saddlebred
Horses
Carriage & Buggy
Horses

SPECIAL
Load of American Saddlebred Horses
from Kentucky
from Don Boring Stables
Will be sold at New Holland Sales Stables
on Monday, Oct. 31
12:00

Horses Will Be Hitched At Farm
Thursday, Oct. 25, 26, 27 in PM
All day Friday & Saturday
for interested buyers
Don will hitch horses at 9 A.M. day of sale at New Holland Sales Stables.
Farm is located 1 mile north of Bareville on N. Hershey Ave.

J.Z. NOLT
R.D. 1 Leola, Pa. 17540
717-656-9711

Pennsylvania Draft Horse & Mule Association Sale
February 16, 1984
Blizzard Date - February 17, 1984
Pennsylvania State Farm Show Building - Corner of Cameron and McClay Street, Harrisburg, Pa.
Tack - 9:00 A.M.
Horses - 12:00 Noon

Terms - Tack and Draft Horse related items - 10% with maximum commission $50.00.

Horses - $30.00 to accompany consignment.

If no sale - no refund . 6% commission - Maximum commission $180.00. $30.00 entry fee to be deducted from commission

Consignor checks mailed March 20, 1984.

All horses must be cataloged to sell in sale. Catalog Deadline November 10, 1983.

Horses will be sold in order of consignment Negative Coggins Test and Health papers within 6 month must accompany horses.

CONTACT FOR HORSE SALE

Elmer D. Lapp Box 97 R.D. 1 Kinzers, Pa. 17535 717-768-8177	Gail Biddle Box 242 R.D. 1 Boalsburg, Pa. 16827 814-466-6215

HORSES & MULES

Beautiful Registered Arabian gelding, flashy quarterhorse mare, Red sorrel, blaze and 4 white stockings. Very gentle 814-445-6358.

4-H sponsored Horsemans Exchange. Used tack and clothing. Bring or buy, please price and size items. 10% commission 9:00 AM Oct 23, Shavelscreek Firemens Park, Huntingdon 814-667-2344.

SHEEP & GOATS

Registered Hampshire, Southdown, Suffolk Ewes and Rams. 717-244-1244.

Pygmy goat kids for sale. 215-794-3350.

For Sale - 300 Columbian ewes, also Bucks Purebred and Registered. Also Jamesway pipeline milker. Call after 7 PM 717-835-5687 Tioga Co.

For Sale - Registered Dorset rams, Penn State bloodlines, all ages, vaccinated, wormed, Berks Canterbury Hill 215-488-7011.

Registered Suffolk and Rambouillet rams for sale. 1 proven two year old Rambouillet ram, also several excellent Suffolk or Rambouillet stud prospects. All from top producing show winning breeding Pine Haven Farm, Newville PA, 717-486-5423, profitable sheep at practical prices.

Purebred Nubian dairy goats and buck. Also young Nubian doe and buck. Adams Co. 717-637-8047.

For Sale - Cheviot sheep, few black face sheep, Lancaster County. 717-733-8770.

Purebred and grade Nubian dairy goats, ideal 4-H or commercial project breeders, Does and Bucks, all ages, dealers invited, quality buck service $25. Gettysburg 717-334-7993.

Registered Hampshire lamb ram reserve champion 1983 fair, also yearling ram reserve champion 1982 fair. New Castle County, Delaware 302-998-4731.

Registered Suffolk ram, 1½ years, 215-598-3844. 215-598-7061.

Registered Hampshire ram, 717-665-5960.

Registered Hampshire ram 1982, Del. Val. Champ $150, lambs and cross ewes, Mont. Co., 215-343-4429.

Nubian Dairy Goats, Longman breeding purebred Buck also does, 215-493-8576.

Registered Suffolk yearling ewes, bred to 1983 Champion ram at PA Farm Show and Maryland State Fair, Chester Co., 215-593-6521.

For Sale - One compact goat milking machine on wheels complete with two units, two buckets, eight can cooler, stainless steel strainer, stainless buckets, can rack, strip cup, feed scoop, 20 milk stands with head lock, drain table, stainless double tub, stainless sink, (9) 55 gal. drums, Herdex chart, electric dehorner, key hole feeders, two calf hutches with eight foot mesh fence, a 12x24 utility shed. Dennis Stoltzfoos, P.O. Box 72, Gap, Pa. 17527.

12 Bred ¼ Finn ewes. Oldest 3 years. Ohio State Production Tested. Production records will be included. Lambing 200%. To lamb late spring. $65 each based on a whole flock purchased. Somerset County 814-443-3017.

12 Bred Commercial Finn ewes, selected from our own flock, production records included, a young flock to lamb late spring. $55 each based on a whole flock purchased. Somerset County 814-443-3017.

SHEEP & GOATS

62 bred Registered Hampshire ewes, a young flock. This flock has been developed on our farm over the past 9 years, these ewes are well-muscled Complete production records will be included, lambing 150% Ewes to lamb late spring. $85 each based on whole flock purchased. Somerset County 814-443-3017

SWINE

Berkshires, Registered, reasonable, January boars okay for sows or gilts. Also younger ones Gilts breeding age Russel Cornbower, New Freedom, PA 17349 Southern York County 717-235-1549.

For Sale - 60 head of top quality feeder pigs 717-865-3488

If you have swine to sell or buy - check our swine column. It is read weekly by thousands. 717-394-3047 or 717-626-1164.

YORKSHIRE AND LANDRACE boars and gilts of all ages. Pseudorabies negative tested boars for sale at all times. Production tested, certified meat tested, Show winners with many carcass champions. Daily drive-in and drive-out service. Reno H. Thomas, Beavertown, PA 17813. 717-658-5821.

For Sale - Yorkshire Service Boars. Elwood E. Houser, 2150 Quentin Rd., Lebanon, PA 17042. 717-272-5798 or 273-2921

SWINE

For Sale - Hampshire and Berkshire boars, open gilts, Berkshire-Hampshire crosses, pure Berkshire open gilts service age Terry Bennecoff 215-285-6582

30-50 Duroc, Yorkshire and Spotted F-1 bred gilts for sale Due every month Also boars and open gilts Same breeding as Top Pen of Yorkshires over all breeds as at Penn State 1982 and Top Pen Full American blood Durocs over all breeds '81 tests All boars gaining over 2 lbs a day. Also feeder pigs at times. Brucellosis free herd 26, and Pseudorabies free 18. Calvin H Lazarus and Sons, 4290 Bridge Street, Whitehall PA 18052, 215-799-3375 or 3831

For Sale - Crossbred Landrace Yorkshire gilts, crossbred litters maintain a 9 plus weaning average. over 500 litters annually Boars- purebred Duroc and Landrace and Hampshire-Duoc. Foundation stock is bred artifically from top bloodlines in the country Dutch Valley Farm, RD 5, Manheim, PA 17545. Call Mark, 717-665-6220 or John 717-665-2588.

Yorkshire and Hampshire service age boars, also 85 open gilts ready to breed, John Strawbridge, 301-996-2022.

Yorkshire bred gilts and breeding age boars, Miller's Yorkshire Farm, RD 1, Box 1366, Spring Grove, PA 17362, 717-225-1926

TOP QUALITY FEEDER PIGS
FOR SALE
REFERENCES FURNISHED
Call Collect
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SLAUBAUGH'S PROFIT BUILDERS

We have bought 30 of Issacs profit builders best sows We will be continuing to provide boars and gilts that will build profit in your herd

15 BOARS FOR SALE

Yorkshire and Yorkcross Boars Pseudorabies and Brucellosis tested negative

WE GUARANTEE WHAT WE SELL!
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For Sale:
BOARS
October Service
Duroc — Landrace — Yorkshire
BRED GILTS
12 Head Duroc due Oct. 8 — Nov. 1
OPEN GILTS
Brucellosis & Pseudorabies free herds.
Free Delivery Lancaster Co
most Mondays.

Call or Write

Yorkshires Landrace	Durocs
Leon L Arnold Rd 7 Box 705 Lebanon. PA 717-273-5880 Lebanon Co.	Lawrence Arnold RD 1309 Womelsdorf PA 717-933-8153 Berks Co

Production Sale Nov. 4th
70 Bred Gilts, 40 Boars & 40 Open Gilts

SWINE

For Sale - Chester White and Spotted service aged boars and open gilts, also a few bred gilts. James Parlett, Airville, PA 17302, 717-862-3610.

Registered Hampshire, Landrace, Yorkshire Boars. Bred and Open Gilts. Preston Bankert 717-244-1244.

Primarily large white and Landrace cross gilts for sale out of a highly productive unit. Write to Melvin K. Fisher, 25 Quarry Rd., Paradise, PA 17562, Lancaster Co.

Service age reg. Yorkshire boars, bred gilts, due October from healthy, productive herd. Delivery available. Charles Hall, Box 263, Julian, PA 16844, Centre Co. 814-355-1647.

For Sale - service age boars, purebred Yorkshire and Yorkshire Hampshire cross and Yorkshire Landrace cross. Lanc. Co., Warren Nolt, 717-656-9764.

For Sale - bred sows and bred gilts Babcock and Kleen Leen stock, 717-922-1410.

For Sale - Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines, Willow Glen Farm, R1 Box 221 Strasburg, PA. 17579. 717-786-2562.

Yorkshire Service Boars, Brucellosis and Pseudorabies free herd. Will deliver. Red Run Farm, RD#2, East Berlin, Pa. 17316, 717-292-4634.

For Sale - Sevice age Hampshire boars. Hamp/York gilts bred to Duroc boar, due late Oct.-early Dec. Call Charles Bomgardner, Annville 717-867-2890.

For Sale - 18 sow herd and young boar, 717-658-3125, Snyder Co.

Service age Hampshire boars, PRV free tested. 215-445-6209 or 717-354-7540.

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Commercial & Purebred Swine
Quality Boars and Gilts at Low Prices
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Low Prices on Feeder Pigs.

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Free delivery in all U.S. and Canada
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Hampshire Boars - Sired by
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Wide Sprung Boars - Sound -
Fast Gaining

Lake's Landrace, Hampshire, Spots
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Box 122 — Day: 717-485-3135
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Next Production Sale March 31, 1984

DUROC BOAR SALE

By Private Treaty

We have used top midwestern bloodlines to produce some of the best Duroc boars in the east.

THESE BOARS ARE:

1. Guaranteed Breeders
2. Large enough for sows
3. Sound and aggressive
4. Raised in groups

We must sell these service age boars now, due to limited pen space for younger stock.

PRICED TO MOVE AT '250
Delivery Avaialble
Validated herd 133
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DUROC BOARS and gilts, production tested, certified meat type show winning stock. Bloodlines of the best in the U.S. Par-Kay Farm, Park F. Thomas, Beavertown, Pa. Phone 717-658-6544.

For Sale - Duroc boars & gilts. Sweigard Durocs, R.D. 3, Box 639, Halifax, Pa 717-896-3365.

DUROC & SPOTTED BOARS
Duroc, Spot,
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BOURBON SPRINGS FARM
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Kenneth Ketterer
Phone 717-423 6250

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WE SPECIALIZE IN THE LATEST AND MOST MODERN DESIGN IN BUILDINGS AND EQUIPMENT FOR HOG CONFINEMENT
★ GESTATION ★ FARROWING
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★ COMPLETE AUTOMATION FOR WATERING, FEEDING, VENTILATION

20 hole Smidley hog feeder, like new, 3 ton metal feed bin w/blower pipes. John Stoltzfus, 54A Old Leacock Rd., Ronks, PA, ½ mi. north of Gordonville.

2 Agstar 12 x 40 pig nurseries self-contained pits, used 3 yrs., asking half price. 717-866-4280.

16 used rotary feeders, stainless steel, 717-866-7565.

SLURRYSTORE TANK & PUMP, MODEL 2515,
excellent for hogs or veal.
Make Offer
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BABY CHICKS - Hubbard Leghorns, Golden Comets, Cornish Giants, Barred Rock, Reds and other breeds. Also turkeys, ducks, geese, guineas, and game birds. CASE HATCHERY, 79L Brodbecks, Pa. 17329, 717-235-2050

For Sale - Golden Commet pullets, David N. Lapp, 1240 S. College St., Myerstown, PA 17067.

Canvas Belt YGG CONVEYOR, 12" x 8' plus. 1/3 H.P. Motor w/gear reduction unit. Metal Stand. Asking $85.00. R. Olmstead, R.D. #4, Montoursville, Pa. 17754. 717-435-5216.

CHARLES AND COMPANY POULTRY
Red Heavy Fowl,
Large and Small
Flocks
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USED POULTRY EQUIPMENT

- 6 Big Dutchman Wide Chain-Drive Units
- 33 Corner Wheels
- 40 Case Per Hour Egg-O-Matic Farm Packer
- 5000 Ft. Big Dutchman Wide Chain
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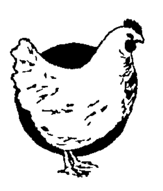
Farmer Automatic 4 deck cage systems, for pullets & layers. No pits needed in building. Reynolds & Yellott, 12800 Gores Mill Rd., Reisterstown, MD 21136. 301-833-1840

For Sale - Dressed or live heavy hens. Also live Pekin ducks, very nice. David L. Zook, Box 286 RD1 Christiana, Pa. 17509 along Bartville Road.



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We buy, sell and haul all kinds of poultry.
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Sell direct to us for cash.

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- * Rabbits
- * Guineas
- * Chuckers
- * Turkeys
- * Lambs
- * Goats

JACK MINTZ POULTRY
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FEED & SEED

Wanted - hi-moisture shell corn for silo, 717-786-2839.

6000 bu. hi-mousture corn, $110 picked up. Hauling available. Columbia County. 717-356-7376.

Special Notice - We will deliver and spread rye. Excellent for cover crop or extra feed or you pick up at our farm. Low prices. Clyde Kreider, 717-898-8927. Lancaster, PA.

Large grain rye seed, cleaned $4.50 a bushel. Bulk $4.00 a bushel. 350 bushels available. Berks County 215-683-7922.

Ground high moisture ear corn, new ear corn, first cut hay, hauling available, 412-279-6012.

100 bushels seed rye. 215-445-6209 or 717-354-7540. Stauffer Homestead Farm, East Earl, #2, PA.

For Sale - Quality home grown Timothy seed, tested 96% germination. $22 bushel. 717-259-7211.

Top quality new ear corn for sale, will deliver in 20 ton loads. Ideal for high moisture corn. Donald Bare, 717-397-0869.

For Sale - sawed Locusts posts, also 8 bushel Maury barley; 8 bushel small grain rye, Jonas K. Smucker, RD 1, Box 181A, Strasburg, PA 17579.

FEED & SEED

Wanted - Ear corn, good quality only. Will pickup at your farm. Ken Miko, RD 3, Schuylkill Haven, Pa. 717-739-4586.

For Sale - Oyster shells, Contact Nelson Weaver & Son, Inc., Lititz, PA 717-626-8538

ProLasse 8%
All Natural Molasses Base Liquid Protein. Make sweet feed with any PTO mixer. Wholesale, retail from manufacturer, dealer inquiries invited. Call collect. 301-343-0343

Will buy moldy grain, 301-833-1847.

Nice, bright wheat straw. Stump Acres. 717-792-3216.

For Sale - Large grain rye, bulk or cleaned and bagged, 717-733-4516.

Titan seed wheat, cleaned and treated. Stump Acres 717-792-3216 York Co.

Rye seed for cover crop, 4.25 bu., small seed type. 215-395-1823, 215-395-2927.

For Sale - Rye seed $5.00 a bushel bag and cleaned. 1 mile North of Bareville on Balmertown Road, Leola, Pa. David N. Zimmerman.

Hi-moisture ground ear corn for sale. Will deliver. 717-872-4058.

Balboa Rye, 4.25 Bw, Ontario Hoe drill $85.00 (Fertilizer bad) Hershey. 717-534-1253.

For Sale - Rye, bulk or bagged, reasonably priced, Schuylkill Co. Phone 717-739-2247.

Balboa Rye, cleaned and bagged in paper bags or field run. Will deliver. Spreader available or will spread for you. Clyde Kreider, Lancaster, PA. 717-898-8927.

Wanted to buy - First and second cutting hay. Norman Dennis, Star Route, Honesdale, PA 18431.

For Sale - 100 ton hay - good quality, first cutting, Timothy-Legume mixture. Phone 716-786-2807.

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ATTENTION FARMERS - Financing is just as important as the weather in your business. If you are concerned about money, call C.P.D. Associates, Inc. at 717-569-5800 for a confidential review.

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Have truck and rollback - will bale in Lanc. Co. and surrounding counties.

Free use of fork for transporting bales while baling on your farm.

$6.00 per bale (includes tractor, baler, twine, fuel & operator)

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Working farm manager for turkey and steer operation. Self starter, willing to accept responsibility and everyday challenges of grow-out operation. Feed mill, crop farming, etc. Excellent salary, benefits and future. Send reply to PO Box 366 A-66, c/o Lancaster Farming, Lititz, PA 17543.

FARM MANAGER - purebred registered seed stock herd, full responsibility, knowledge of herd health, farm machinery and experience with references required, house, prime salary and medical benefits provided, write to Lancaster Farming, PO Box 366, D-84, Lititz, PA 17543.

Experienced tractor driver to clean manure from chicken houses on poultry farm. Living quarters available. Write to Goldstein Farm, R.D. 1 Box 56, Swanlake, NY 12783 or call after 6 p.m. 914-583-6369.

Experienced farmer in small grain, beef, cattle and all farm equipment. Located Wellsville area, York County, full time, call Joe Garner. 717-236-1753 between 5 PM and 8 PM Monday thru Friday.

Wanted - Young person, live in position with knowledge of thoroughbred horses, room and board, salary. Call 215-932-5954.

WANTED, EXPERIENCED DAIRYMAN - must provide reference. Good opportunity for young single Christian person that has management ability. Reply to Lancaster Farming, Box 366 L-2, Lititz, PA 17543.

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Custom round baling, Morgantown and surrounding areas. 215-286-5641.

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Wanted - Experienced dairyman for dairy and field work. Housing provided. Reference required. 717-434-2048.

Part-time position available. Three days per week, min. age 18. Open to male or female. Job includes driving to farmers market and clerking, good driving record a must, 717-626-9157.

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Excellent opportunity for good farmer for fruit and vegetable farm and greenhouses. Located in Burlington Co., NJ. Experience in operating and maintaining all types of farm equipment. Clean, modern 6 room house w/bath. Excellent salary, hospital, and medical plan, paid vacation after one year. Please reply giving experience and references. Send replies to Lancaster Farming, PO Box 366, L-02, Lititz, PA 17543.

Young person for farm work, live in must be Christian family, Lanc. Co., 717-872-8553.

WORKING FARM MANAGER

on 500 acre farm in eastern PA with commercial beef herd and crops, house with 3 bed rooms supplied and other fringe benefits, please reply giving experience, references, education and salary wanted to
Lancaster Farming
PO Box 366, D-81
Lititz, PA 17543

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A national Feed Company is seeking aggressive individuals with a background in dairy or beef cattle to sell and service its operations in several northeastern areas. Individuals selected will receive liberal commissions. They must provide their own vehicles for deliveries, the ability to talk with prospective customers, and the desire to earn a high income. The Comapny provides all inventory and ongoing training and assistance.

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Background and knowledge of agriculture required. Calling and setting up established wholesale accounts.

- Excellent present volume
- *Good company* benefits

Write Box 366 J-281
c/o Lancaster Farming
Lititz, Pa. 17543

HELP WANTED

Assistant manager *needed for modern in-line* egg processing operation, Mount Joy area, write to Lancaster Farming, PO Box 366 D-87, Lititz, PA 17543.

One live-in person to help wife feed stock at night and work in house, cooking and other general duties, would work with wife, Write to Lancaster Farming, PO Box 366 D-88, Lititz, PA 17543.

"SALESMAN"

Livestock Pre-Mix Salesman and Territory manager. Knowledge of Dairy Nutrition essential. Salary, Bonus and full quota of fringe benefits. write Box 366 D-85 c/o Lancaster Farming, Lititz, Pa. 17543.

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Manufacturer seeking applicant with knowledge of dairy and beef nutrition. Degree helpful but not essential. Some sales experience preferred. Must be aggressive self-starter able to sell dealers and do resale work on farm. Good salary with excellent earnings potential for right person. Company car and other benefits. Send complete resume, references and salary requirements in first reply to Lancaster Farming, P.O. Box 366 A-59, Lititz, Pa. 17543.

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Our company markets to livestock farmers in southeastern PA and the key to the success of our product is efficiency. We prefer a person with an agricultural business background and/or excellent agricultural background. During 1982, most ag businesses experienced deep cuts and slumps. Our business volume was 125% of 1981, which in itself was an excellent year. Above average income potential, closed territory and company benefits. Confidential treatment of inquiries.

Send reply to
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Experienced herdsman w/small family seeks permanent position, experienced w/machinery and crops. 609-397-9860.

Individual with child seeking apartment in Landisville area, one or two bedroom, reasonable rent, 717-653-8856 before 10 AM or after 8:30 PM.

SITUATIONS WANTED

Wanted - land to rent - experienced vegetable growing couple seeks 10-20 acres level, nearly level ground, stream or pond, Berks or Lehigh Co., eves., 215-944-0255.

Husband outside chores, wife raise calves or both to milk and care for herd only. Need on farm housing, utilities, $1,000/mo. Mennonite area desired. Ralph Todd, Rte. 1 Box 577T, Claremont, N.C. 28610.

ATTENTION DAIRYMEN!

We are looking to purchase a few good registered Holstein herds and/or interested in renting an operating or inactive dairy operation. We are hoping to purchase a herd and rent existing facility. Call

ROTHROCK GOLDEN HOLSTEIN FARM

215-756-6611

SITUATIONS WANTED

38 year old part-time farmer, Christian bachelor would like to work-buy into fulltime farming occupation. Could sell my farm for down payment on going operation. P.O. Box 272, Owings Mills, MD 21117.

Young dairyman, 28, wife, 2 small boys, seeks to work into partnership and eventual ownership in farming operation. Presently on small herd. References. Past D.H.I.A. papers. Interested in butchering. Haven't learned everything yet. Reply c/o John D. Cassel, 289 N. Hoernerstown Rd., Hummelstown, PA 17036.

WE ARE LOSING OUR LEASE SPRING OF '84. Young farm family with small Holstein herd would like to work for or go into partnership with established farmer, write to Lancaster Farming, PO Box 366 D-86, Lititz, PA 17543.

BUSINESS OPPORTUNITIES

For Rent - Country Store in northern Harford Co., zoned B1, approximately 1000 square feet, living quarters and additional storage available. Ideal location, for more information call, 301-452-5555 or 301-879-4080.

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83 Prowler (Regal) 33' travel trailer, front living room, queen bed, awning, TV antenna, must see, asking $11,200. 717-334-1592.

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1957 Chev. Bel Air sedan, exc. condition, 1949 Buick, 28,000 miles, original, showroom condition. 814-632-5781 eves.

PETS

PETS

Wanted: Puppies, all breeds. Jack's Dog Farm, Rt. 611 Pipersville, PA 18947. 215-766-8802

Wanted - puppies for pets. AKC, purebred and mixed litters. Will pick up locally. 717-442-4259.

Catahoula Leopard stock dogs, great dogs for family watch dogs, dairy and hog farms, natural heelers, all ages available, guaranteed satisfaction or money back, Thorpe Farms, Newtown, PA, 215-862-2650.

Mixed coon hound pups, $25 each. 215-793-1345 Chester Co.

Miniature Schnauzer puppies, AKC registered, very adorable, black, all shots including Parvo, extra small breed, $150, 717-582-4365 anytime.

Australian cattle dogs pups, AKC, born July 7, 1983, bred for intelligence, soundness and herding ability, $150. 301-257-7636.

AKC Boxer pups, 9 weeks old, shots and wormed, 2 females, 2 males, $200 each. 717-992-7432 or 992-4987.

For Sale - AKC registered German Shepherd puppies, good pedigree, 90% black with tan or silver. Shots and wormed. Mother and father have excellent temperment, after 6 PM, 717-662-2670 Mansfield, PA.

For Sale - Registered Australian Shepherd puppies. Good stock and watch dogs. No Sunday Calls. Call 485-5636.

PETS

For Sale - 3 AKC Austrailian cattle (blue Heeler) dog pups, 6 to 7 weeks old, good watch dogs, and a helper with livestock. Amos E Kauffman Bell Road, RD 1, Box 276, Christiana, PA 17509.

AKC German Shephard puppies, black and tan, good temperment, Dauphin Co., 717-896-8347.

AKC English Springer Spaniel puppies, L+W, excellent markings, family, hunting dogs, Lancaster Co., 717-872-5213.

For Sale - taking orders for purebred Norwegian Elkhound puppies, 717-665-7434.

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PUPPIES

in litter lots for resale in my pet shop.
Purebred & Mixed breeds needed.
Cash paid.
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NO!! PUPS WANTED TILL NOVEMBER 1st

PUPPY STAND AT ROOTS CLOSED. DO NOT BRING ANY PUPS OVER UNTIL NOVEMBER 1st

There will be a $100 prize on Tues., Nov. 1, and a $200 prize Tues., Dec. 6 1983 for the farmer who comes the farthest distance & sells me pups.

JO JO THE DOG MAN

I need nice Shepherd, Collie & Terrier pups. Also - cute Peek-A-Poos, Cock-A-Poos and anything cute & shaggy.

I need good healthy, clean pups, pure & mixed breeds, to 8 weeks old. Offering extra high cash prices. Baskets of cash waiting for you! Paying up to $75 for extra cute mixed breeds.

See Me At

Root's Farmer's Market

RD 1 Manheim
Every Tuesday 5 PM - 8 PM

P.S. Please do not call Root's.

* Please note - I will close the puppy stand. Oct. 18 & 25 and will reopen Tues., November 1.

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Pick Out Your Software First. Farm Software Services, Bernville, PA 215-926-3167.

Wanted: Distributors for Apple Computers & Farmplan Software, minimum investment, full training & support, excellent return, nationwide company. Contact: AC&CS, Box 2008, Syracuse, NY 13200. 315-475-1084.

HOUSEHOLD GOODS

For Sale - Cast iron cook stove, white enamel, old, real good condition, has been converted to kerosene, $600.00. Call 609-769-2226.

The dry toilet. Self contained composting toilet, needs no water or chemicals. Replaces conventional septic systems, manual or automatic. Send $1.00 for color brochure to Harmony Way Co., 157 Knoxlyn Rd., Gettysburg, PA 17325. 717-334-3616, Dealers needed.

MISCELLANEOUS

For Rent - 70 acre farm, Northwest Lancaster County, along 897. For Sale - 500E Int. crawler, 4-in-1 bucket, good condition. 717-733-3980.

Frick sawmill w/25' carriage, track husk and blade. 215-679-6726.

1 6,000 gal. fiberglass tank, 1 9,000 gal. fiberglass tank, 1 10,000 gal. pressure tank, 1 12,600 gal. pressure tank, 1 3,500 gal. pressure tank, 1 6,000 gal. steel tank, Stephen U. Zook, R.D. 1, Box 392, New Holland, PA 17557.

Radio Shack Model 2 hard drive printer; software 3 disc G.L., A/P, A/R, Visicalc and profile. Savin copier 3M 209 copier; Pitney Bows mailing machine, coffee and food center. 301-885-2450.

Propane motor fuel system, $325 or best offer, 717-392-4408.

Hot air oil furnace, $150, 717-587-4839.

Barn cleaners, chain replacement stand-by alternators, grandfather clocks $550; Silo unloaders, shop around then call 215-445-5309.

Solid brass snaps, approx. 5000, ½", 5/8", 3/4" and 1", new, very reasonable. 717-299-2272.

1"x2" mesh, wire sheets, 4½' wide, 10' long, 14 gauge, $2.00 per sheet. 717-354-9840.

25 KW Winco generator, PTO w/trailer, excellent condition, $1600. 717-866-7565 or 866-6111.

For Sale - 1974 Ford pickup w/44,000 original miles, V-8, 3 speed in very good condition, $1850. 717-865-3488.

For Sale - 1980 Dodge Colt, 3 speed, w/overdrive, one owner in very good condition, $2850. 717-865-3488.

For Sale - Toyota Land Cruiser, 4 wheel drive, 2 tops, new paint, extra engine and rear, $1650. 717-865-3488.

MISCELLANEOUS

FOR SALE - New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture. Open 7:30 to 4:30; Saturday, 7.30 to 12:00; evenings by apointment. Myer's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169

2" new boiler flue pipe, exc. for gates or fencing. 717-872-9152 days, 872-2579 eves. and weekends.

One hive or 50, some with honey crop. Call 301-838-7648.

Bought and sold new and used cardboard boxes; drums, plastic scrap, Reliable Recyclers, 114 S. Maple Avenue, Leola, PA 17540, 717-656-4211.

NOTICE: Lose 10-29 pounds a month. 100% guaranteed. Call your Herbalife distributor, 717-866-4298 concerning 30 day supply.

Firewood - PA mixed hardwoods, 3 cord quantity or more, can be picked up or delivered, trailers loaded fast, 717-494-1626 after 5.

For Sale - air compressor tank; Airco gas driven welder, 200 AMP DC, 30 AMP AC, auxiliary power; 10" Craftsman radial saw, 48" foot operated metal shearer, best offer, 215-539-8298.

Wanted - Brillion M-88 Pulvi-Mulcher and Brillion SSPT-961 8' 3 pt. sure stand grass seeder. reply: Box 25, Aaronsburg, PA 16820, 814-349-8177 after 6 PM.

Bee extractor, never used. West Chester area. 215-259-3226.

Firewood timber wanted, oak - standing or tops, top money paid. 215-485-4692 after 6:00.

Antique Kalamazoo cookstove. Call after 5:00 717-367-5664.

Wanted to rent - corn cribs to store popcorn in the Manheim, Mount Joy, Elizabethtown area. Call 717-653-8075 or 717-367-5142 between 7 AM and 4 PM. Ask for Larry.

250 gal. steel fuel tank in good condition. Call 215-273-3048.

For Sale - New Minnich type and Southern-type tobacco bale boxes, special price on tobacco twine paper window glass cut to size used frosted glass used storm doors and windows. Christ S Beiler, 123 S. Belmont Rd., Paradise, PA 17562.

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717-658-3447

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after 5 PM

FOR SALE

Bins - Apples, Potatoes, Melons, Cabbage, etc. Cuts down handling, used, extra good shape, 54"x47"x25".
All oak. Can deliver - $10.00 each
215-926-1231

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8.8% A.P.R. and waiver-of-finance-charges until January 1, 1984

financing for up to 48 months from date of purchase

Plus $3000 rebate

Under terms of a new labor contract, Case and the United Auto Workers union have agreed to wage and benefit restraints that make this rebate possible. This $3000 is yours in addition to 8.8% A.P.R. financing and the waiver-of-finance-charges outlined above.

Or, take this two-rebate-option for up to

$7000

1. Get a rebate check from Case for $4000, in lieu of financing, on cash purchase of a new Case 4490, 4690 or 4890 tractor...or get $3000, in lieu of financing, on cash purchase of a new Case 2090, 2290, 2390, 2590, 2094, 2294, 2394 or 2594 tractor.
2. In addition, you'll get the $3000 Case/UAW rebate explained above.

All offers valid September 1, thru October 31, 1983. For credit benefits, purchase must be financed through J I Case Credit Corporation. Government agencies and national accounts do not qualify for rebates.

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$3 Per Ton Discount

for every ton of Master Mix beef concentrate ordered between now and October 31 and delivered to you before January 31, 1984.

The discount will be given in the form of a rebate to be paid after end of shipping period.

LOOK AT THESE RESULTS ON STRESSFIGHTER 5 & CORN SILAGE

Number of Head	127
Sex	Steers
Number Treated	5
Death Loss	0
Days on Feed	27
Initial Weight	680.2 lbs.
Final Weight	751 lbs.
Total Gain	70.8 lbs.
Average Daily Gain	2.62 lbs.
Feed Consumption - As Fed	30.18 lbs.
Feed Conversion - As Fed	11.52 to 1
Feed Cost/lb. of Gain	25.8¢

Feed Information

Cattle were given hay initially then switched to Stressfighter 5 at 5 lbs head/day plus corn silage.

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Chester White national show-sale Nov. 8,9

By Donna McConaughey

AIRVILLE — Pennsylvania will be host for a national hog show and sale to be held by the Chester White breeders in conjunction with the 1983 Keystone International Livestock Exposition.

National Director of the Chester White Association, Jim Parlett of York County, states that breeders from six states will be exhibiting at the Nov. 8 show. The sale will be held Nov. 9 at 10 a.m. in the Farm Show Building and will include 31 boars and 39 gilts.

Well-known Chester White breeders such as Hank Freter and John Rudasill of Missouri, Lyle Bidner and Gale Bressner of Illinois, Jerry Plummer of Indiana, Underwood's Chesters and Crower Brothers of Ohio, and Ed Hildebrand, Rodger Bankert, and Jim Parlett of Pennsylvania will be offering top-quality hogs for sale.

Of special note is the fact that bred gilts serviced by some of the breed's top boars will be included in the sale. For example, Jim Parlett will offer a top gilt bred to the High-Testing Boar at the Chester White National Boar Test in Ames, Iowa which he purchased this summer.

The Chester White Association has considered bringing a National show east for several years. Jim has put a special emphasis on this since being elected to the National Director post three years ago. "However," he quickly notes," the western breeders wanted this too. We couldn't do it without their support."

Support is exactly what they have given as evidenced by the entries they have submitted. The result is an opportunity for purebred breeders, commercial hog producers, and 4-H and FFA members to see and purchase hogs representing top bloodlines and quality from across the country.

Henry Holloway, former Chester White Fieldman, points out that Chester Cross barrows have been topping many shows, with the "Blue Belt" Chester-Hamp cross being especially popular on the Texas-Oklahoma circuits. Chester Whites have the muscling and the thickness to push them beyond any other white breed in cutability.

Chester Whites are also known for their durability as well as excellent mothering ability. Iowa State University recently conducted a four year research study which showed that, of four major breeds of swine, Chester Whites were the best in litter size born alive, litter size and weight at 56 days, conception rate, and total index.

The Chester White breed holds three National Type Conferences, a National Barrow Show, and a National Boar Test Sale each year. So it certainly is a privilege to have a National event brought to Pennsylvania.

The sale would be an excellent opportunity for youth to purchase a bred gilt to raise their own pigs for next year's shows or for the young breeder to start a Chester herd.

The commercial breeder who is looking for top-quality, structurally sound white boars may find the best opportunity of the year at this sale. "You will be able to buy 'excellent' boars for $300-$500," Henry Holloway says.

The best benefit is that all of this can be done without spending several hundred dollars in travel expenses which would be necessary if one were to go to a comparable show in the Midwest.

All animals offered for sale will be tested Pseudorabies and Brucellosis free.

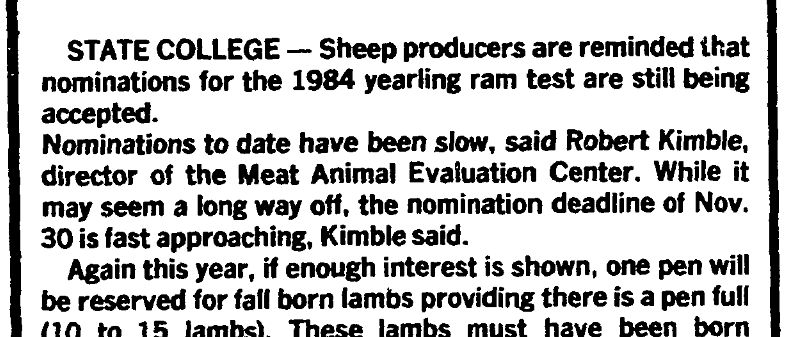
The schedule of events includes the Eastern National Chester White Show in the early afternoon of Nov. 8. (Chesters will be the last breed to show at KILE.) Rick Maloney of Duncan, Oklahoma, former Spot Breed Secretary, will be the judge. The Sale will be held Nov. 9 at 10 a.m. with Harry Bachman of Annville as auctioneer.

If a breed with less than 5 percent of its membership in the Pennsylvania area can bring a National event east, then perhaps other breeds will also consider doing the same thing. The only other breed to have done this is Spots which held a national show here several years ago.

An added benefit may be to increase the level of competition and number of entries in the hog show at KILE. KILE's hog shows have had lower numbers of entries since the pseudorabies outbreak several years ago. Some of the Chester White breeders from the Midwest will also bring other breeds along to show which will provide an additional boost.

For further information on the Eastern National Chester White Show and Sale contact: Jim Parlett, RD#2 Airville, PA 17392. Phone 717/862-3610 or Dan Parrish, Chester White Swine Association, Box 228, Rochester, Indiana 46975. Phone 219/223-3512.

Jim Parlett surveys some of the Chester White barrows he will be exhibiting during the 1983 Keystone International Livestock Exposition. Pennsylvania will be host for the first Eastern National Chester White Show and Sale.



Ram deadline Nov. 31

STATE COLLEGE — Sheep producers are reminded that nominations for the 1984 yearling ram test are still being accepted.

Nominations to date have been slow, said Robert Kimble, director of the Meat Animal Evaluation Center. While it may seem a long way off, the nomination deadline of Nov. 30 is fast approaching, Kimble said.

Again this year, if enough interest is shown, one pen will be reserved for fall born lambs providing there is a pen full (10 to 15 lambs). These lambs must have been born between Sept. 1 and Nov. 15.

The age for yearling rams is: senior rams, born between Nov. 16, 1982 and Dec. 31, 1982; and junior yearling rams, born between Jan. 1, 1983 and March 31, 1983.

All rams will be delivered to the Meat Animal Evaluation Center near the end of January.

Antibiotics and swine — improving efficiency, reducing costs

RESPONSES TO PIGS TO ANTIBACTERIAL AGENTS DURING THE STARTER PHASE—15 to 75 lbs.

Additive	No. Experiments	Daily Gain	% Improvement Feed/Gain
Chlortetracycline-Penicillin-Sulfamethazine (or Sulfa hiazole	87	22.5	8.5
Carbadox	82	18.6	8.7
Tylosin-Sulfamethazine	17	17.7	6.8
Penicillin-Streptomycin	40	14.8	7.4
Tylosin	21	14.8	6.0
Lincomycin	3	11.1	7.6
Virginiamycin	23	11.0	5.0
Tetracyclines	59	10.8	6.3
Bacitracin	11	9.7	3.3
Penicillin	7	9.5	8.7
Nitrofurans	23	8.0	2.3
Average		16.0	7.1

NEWARK, DE. — Antibiotics have been used in hog feed for more than 30 years to improve growth rate, improve feed efficiency and control disease. While increasing the profitability of producing pork, they also reduce the cost of meat for the consumer, says University of Delaware extenion livestock specialist Dr. Ken Kephart.

Kephart says a recent review of research on the effectiveness of antibiotics for pork production shows that from 75% to 85% of all starter and grower rations are medicated and more than half of these contain sulfa-antibiotic combinations. Sixty percent of finisher rations contain medication. Over half of these include tylosin and tetracyclines.

A summary of results from 378 experiments at research centers around the U.S. involving more than 10,000 pigs shows that response to antibiotics varies considerably depending on the additive. The accompanying table lists several antibiotics and their average effect on performance in starter pigs. With older pigs the response rate is less, Kephart says, but the ranking of the antibiotics is roughly the same.

Copper sulphate isn't listed since it's not a true antibiotic. But feeding 250 ppm copper (about 1 1/4 pounds copper sulphate per ton) improves growth rate and feed efficiency, the specialist says. "Feeding it to young pigs in combination with antibiotics gives a greater response than feeding either copper or antibiotics alone."

The way antibiotics work is not fully understood, but he said their antibacterial action probably is related to either a metabolic effect, a nutritional effect and/or a disease control effect.

"If antibiotics exert a metabolic effect, then they directly influence the animal's physiology (protein metabolism, heart rate, and other basic functions). But it isn't likely that they work this way, since antibiotic levels in tissue aren't high enough to account for the drastic changes in performance observed when fed," he says.

Some antibiotics aren't even absorbed from the intestinal tract, making it doubtful that these could change the metabolism of the pig.

"There's been a lot of research on the possible nutritional effect of antibiotics on performance," the specialist says. "Many bacteria in the gut make their own vitamins and amino acids (the building blocks for protein). These bacteria benefit the animal since they provide a source of nutrients. But other bacteria need, and compete for, the same nutrients as the host animal."

Kephart suggests to change the bacterial population in the gut with an antibiotic to free up nutrients these bacteria might otherwise steal. For example, virginiamycin prevents bacteria from properly processing protein and energy, thus leaving more of these nutrients for the pig.

The disease-control effect of antibiotics is a widely accepted explanation for the growth response to them. These compounds suppress the growth of many bacteria which cause subclinical diseases, Kephart says.

Response to antibiotics depends on several factors, including stage of growth, overall herd health, cleanliness of the environment, and stage of reproduction.

The younger the pig, the greater the effect, the specialist says. "Young pigs can't resist disease and stress as well as older ones. That's because their immune system isn't really in gear until about eight week's of age."

Overall herd health also makes a difference. Poor health, poor management and high disease levels usually mean a good response from antibiotics. One experiment showed that pigs gaining only .2 pounds a day experienced a 161 percent improvement in growth rate from antibiotics. Fast-growing pigs (1.6 lbs./day) had only a 9 percent improvement from the same medication.

Pigs raised in a dirty building also benefit the most from antibiotics. Those in clean surroundings may benefit, too, but not to the same degree.

"This is important to remember because most data on antibiotics have been collected at experiment stations where the environment is often cleaner than farm conditions," Kephart says, noting studies by Virgil Hays at the University of Kentucky which indicate the response to antibiotics at universities is about half that observed under field conditions.

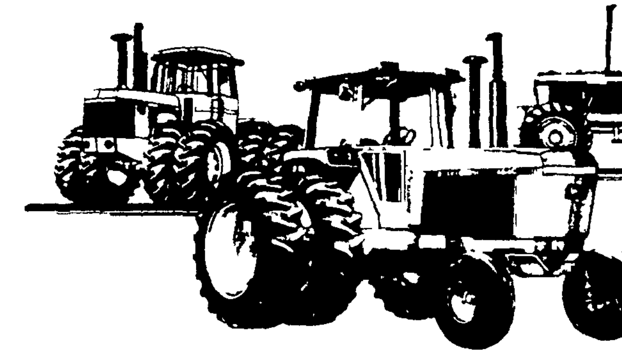
Stage of reproduction also influences response to treatment. "Unless disease levels are high, antibiotics will benefit the sow only during the critical stages of breeding and farrowing," the specialist says. "Feed antibiotics at breeding and studies show you can expect a 10 percent improvement in conception rate and an extra half pig per litter at the next farrowing."

There's also some evidence to suggest that antibiotics in the farrowing ration will reduce the incidence of MMA. Data from seven experiments show a three percent increase in pigs weaned and five percent heavier weaning weights.

Should producers feed antibiotics? "That's a loaded question," Kephart says. "Response varies with the antibiotic and the herd situation. Antibiotics are most effective when herd health, management and environment are less than par. So if you decide to feed them, you'll get the most for your money under poor conditions."

SUPER HARVEST SPECIALS

October closeout specials on John Deere 40 Series tractors: finance charge waiver to March 1, '84, or up to $1,550 in lieu of waiver



We have a dwindling supply of 40 Series tractors, the most popular John Deere ever offered So if you want a certain model, now's the time to act

Year-end is not far away Buy a new 40 Series tractor now and you can still take advantage of investment tax credit (ITC) and depreciation for 1983 Buying now will improve your field efficiency and head off possible breakdowns with your old tractor Plus, the 40 Series will perform right along with higher-priced competitors

And look at this During October if you finance your new tractor with John Deere you'll save $100s or even $1,000s Because tractors bought by October 31 are eligible for finance-charge waiver to March 1 1984 Or you can get a cash rebate in lieu of waiver for the amount shown here *

Leasing is another option Lease a new 40 Series tractor and lease payments will be discounted by an amount comparable to the finance charge waiver * Use leasing to get modern power, plus tax advantages, even if your 1983 taxable income is low

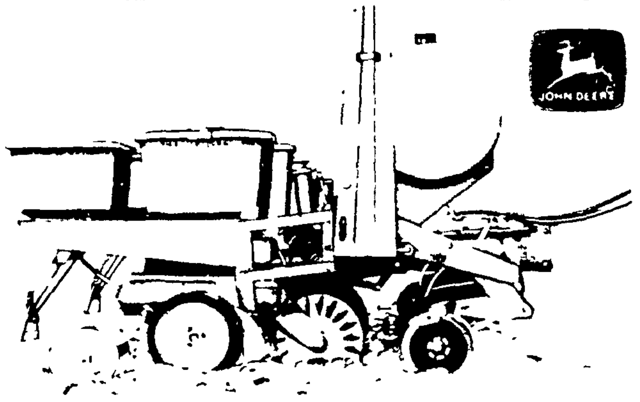
Model	October '83 Cash Rebate In Lieu of Waiver	Model	October '83 Cash Rebate In Lieu of Waiver
228-hp 8640	$1,550	90-hp 4040	$625
179-hp 8440	1,250	80-hp 2940	425
180-hp 4840	1,075	70-hp 2640	375
155-hp 4640	1,000	60-hp 2440	325
130-hp 4440	750	50-hp 2240	275
110-hp 4240	675	40-hp 2040	250

(Offer subject to tractor availability)

*Availability of John Deere financing and leasing subject to approval of credit This offer may be reduced in value or withdrawn at any time

SUPER HARVEST SPECIALS

October bonuses on new John Deere Max-Emerge® planters: waiver of finance charge to April 1, 1984, or up to $1,750 in lieu of waiver



Why buy a new planter out of season? For three very sound reasons (1) to replace your aging planter with the accuracy of a new Max Emerge (2) to take advantage of Investment Tax Credit and depreciation and (3) to get in on this money saving special offer Finance your new planter with John Deere and the finance charge will be waived to April 1, 1984 Or in lieu of that waiver get a cash rebate up to $1 750 upon delivery * Should you choose to lease specially discounted lease payments offer savings comparable to finance charge waiver

Model	Oct 83 Cash in Lieu of Waiver	Model	Oct 83 Cash in Lieu of Waiver
7000 Front Folding		**7000 Conservation**	
24-row N	$1750	8 row N	$ 475
18 row N	1275	6 row N	375
16-row N	1175	4 row	250
12-row W	1000	**7100 Integral**	
12 row N	825	12 row N	$ 450
8-row W	700	12 row N fold	550
7000 Drawn		8 row W fold	375
12-row N	$ 625	8 row N	300
8-row W	425	8 row W	300
8 row N	400	6-row W	225
6-row W	350	6 row N	225
6-row N	300	4 row W	175
4 row W	200	**7100 Integral Soybean**	
4 row N	225	12 row N	$ 500
		10 row N	450
		8-row N	350

N Narrow W Wide

*Availability of John Deere financing and leasing plans subject to approval of credit Leases not eligible for cash in lieu of waiver This offer may be reduced in value or withdrawn at any time

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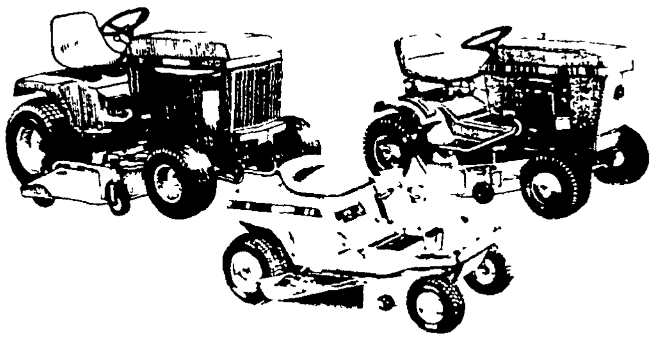

Now you can make big savings when you buy a new John Deere Lawn and Garden Tractor, Lawn Tractor or Riding Mower on the John Deere Finance Plan. Make a regular downpayment and you won't have to make another installment until April 1, 1984! Plus, finance charges will not begin to accrue until March 1, 1984! So choose a John Deere Lawn and Garden Tractor in one of seven power sizes from 10 to 20 hp, or an 8-, 11-, or 16-hp Lawn Tractor or 68-hp Riding Mower and you won't make another installment until April 1, 1984! Plus you can choose the transmission — gear drive, variable speed or hydrostatic drive — that suits you best! Don't delay. See your John Deere dealer today. Approved credit required.

Nothing Runs Like a Deere®

Pa. Livestock Assoc. banquet set for Nov. 4

GRANTVILLE — "Impact on Demand - The Meat Board's Expanded Beef Program," will be guest speaker Jay Wardell's subject at the annual Pennsylvania Livestock Association's banquet Nov. 4.

Wardell, vice president of the National Livestock and Meat Board's Beef Industry Council, is credited with expanding beef promotion, consumer education and research activities within the council.

The banquet, the kick-off for the Keystone International Livestock Exposition at the Farm Show Complex in Harrisburg, will be held at the Holiday Inn Grantville, beginning at 6 p.m.

The Pa. Beef Council Development Task Force will meet earlier, at 2:30 p.m. at the Holiday Inn. The group is responsible for planning programs and funding for the Pa. Beef Council. The results of the statewide beef check-off program which began Sept. 1, fund raising activities, specific state and regional promotional programs and a 1982 Beef Council review are on the agenda.

"Beef, pork and lamb livestock industries spend less on consumer education and promotion programs than almost any other agricultural commodity," Wardell said in comments about his upcoming speech.

"The lack of commodity promotion and consumer education programs shows in the eroding of demand and prices paid for red meats," Wardell said. "Producers must band together and conduct their own promotion-education-research activities to increase the acceptance of their products by the consumer."

The Grantville Holiday Inn is located off Route 81, five miles northeast of Harrisburg, Exit 28. Tickets can be reserved by contacting Herbert Schick at 215-285-6519. Tickets are $12.50 each, and reservation deadline is Oct. 28.

Hog slaughter peak coming

NEWARK, Del. — Based on farmers' intentions to farrow sows this winter, hog slaughter could well peak in 1984, according to the U.S. Department of Agriculture's September 20 Hogs & Pigs Report. Meanwhile, a large increase in hog slaughter from a year ago is expected this fall, reports University of Delaware extension marketing specialist Carl German. As a result, he says hog prices are expected to decline somewhat from present levels but strengthen to near break-even levels in 1984.

The latest USDA report indicated just under 45.9 million hogs and pigs on farms as of Sept. 1. This is about 10.1 percent more than a year ago. Most of the increase is represented by hogs kept for market—about 11 percent more than a year ago. Hogs kept for breeding increased by only 5 percent, reflecting two quarters of unprofitable production this year, German says.

The present sharp increase in hog slaughter should peak sometime in October or November, based on the report. During September there was a 9.4 percent increase in slaughter of hogs weighing 180 pounds and over. This increased slaughter rate is projected to continue through October, given the 14.1 percent rise in the number of hogs weighing between 120 and 179 pounds as compared with a year ago.

Total hog slaughter in the final three months of this year could rise by more than 14 percent over the same period in 1982, both because of more market hogs on feed and a slight expected increase in breeding herd liquidation. Slaughter increases should begin to decline in December as a reflection of the more modest 8.5 percent increase in hogs weighing under 60 pounds as compared with a year ago, the economist says.

Farrowing intentions in the September-to-November period were up 4.3 percent, according to the USDA report. Intentions to reduce farrowings by one percent were reported for the December-through-February period.

Traders on the commodities market have apparently interpreted the report as bearish, German said, judging by the general decline in live hog futures prices since the release of the report.

Penn State Angus honored

Fred Frey, left, of Quarryville, accepts a Centennial Angus Herd Award for Penn State University from American Angus Association president Ray Adams. All the Centennial angus breeders were honored during the American Angus Association Centennial Celebration in St. Joseph, Mo.

Are poultry wastes a problem for you?

UNIVERSITY PARK — Are poultry layers with loose droppings or squirting manure with some sort of diarrhea a problem in your poultry operation?

In many cases, 10 to 30 percent more feed than normal passes through the bird undigested or only partially digested, assimilated or metabolized, says Penn State extension poultry specialist Herbert C. Jordan.

This may be due to problems in genetics, environment, disease, parasites or nutrition. No matter what the reason, it should be prevented or corrected if possible, Jordan says.

This disorder of loose droppings should be examined and studied carefully prior to feeding medication or electrolytes, Jordan says. Common causes are dirty waterers, moldy feed, too much ammonia in the air of the pen, high salt content in feed, and water polluted with E. coli from manure spread too near the well.

Buildup of microbes in the plastic water line to the birds, a proportioner not working properly, feed improperly mixed on the farm, or some type of intestinal disorder are also problems.

Some scientists feel a virus infection of the villi reduces the villi absorptive capacity in the intestine and causes feed to pass unused, Jordan adds.

These and many other causes can cost poultrymen several thousand dollars each yer per farm.

High quality feed that passes through the gastrointestinal (GI) tract normally results in high quality manure for cropland. Jordan suggests giving away manure as fertilizer with 30 percent fresh feed in it. Examining birds for a healthy digestive system and keeping them healthy are important, he adds.

Manure should be dried aerobically within an hour or two of the time it is produced. This manure can be sold for prices up to $40 per ton at nine to 30 percent moisture.

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Integrated approach leads to optimum beef production

FORT COLLINS, Co. — A new integrated approach to beef production in Colorado offers producers a way to optimize efficiency.

"To increase pounds and increase net profit — that's the bottom line," pointed out Dennis Lamm, Colorado State University beef specialist and an organizer of the program in Integrated Reproduction Management (IRM).

IRM will analyze how each management decision affects a beef producer's ranch as an entire unit by combining the expertise of animal scientists, veterinarians, agricultural economists, range scientists, and reproductive biologists. Management alternatives will be based on increasing the net profit of the entire organization.

IRM evolved in response to concern by such groups as the National Cattlemen's Association, the National Wool Growers and the Dairy Herd Improvement Association. The groups identified reproduction inefficiency as a major problem limiting production of food and limiting profits in agriculture.

"Some producers are doing things to the maximum instead of the optimum," Lamm said. "We want to determine the optimum instead of the maximum.

"We are looking at a cost-benefit situation. If 95 percent of the herd is bred in 60 days, but it takes more feed, we must ask if this is economically justifiable. Can you accept 80 percent and still be financially ahead?"

To reach a reproduction decision the producer must realize he can not single out reproduction without considering the impact on other management decisions, Lamm explained.

For example, "Once you've made a production decision, you've made a marketing decision," said Norman Dalsted, CSU ag-economist involved in the program.

IRM will take into account the special problems and concerns of each producer. However, some problems are likely to be common to most producers. For instance, Lamm's statewide survey of beef producers has determined three areas of reproduction need attention: shorter calving seasons, decreasing calving difficulty and reducing calving losses.

IRM is working with seven beef producers in Sterling, Karval, Kit Carson, Craig, Gunnison and Norwood.

"Our goal is to put these seven producers in visible leadership-type positions within a county to serve as instruments to disseminate knowledge to other producers in their area," Lamm said.

"Everybody watches their neighbor," said Curt Probert, Logan County extension agent involved in IRM. "A producer will be more receptive to an idea if he sees the way his neighbor is doing it and that it works. H (beef producer) will believe his neighbor more readily than if a guy from a university says, "Do it this way." The cooperating producers are already respected and recognized as leaders.

IRM also uses available local resources such as veterinarians. "We just supply support and suggest alternatives–we don't supersede or infringe," Lamm explained. "We complement what the local vet is doing. He or she knows the problems of a particular region better than we do."

"There has to certain credibility established," he added. "We don't want to conduct risky research that may be economically detrimental. We only offer what we know can work. "After gaining their (beef producers) confidence, we can make more meaningful recommendations as far as changing management."

IRM will gather background information in the first year to discover the beef producer's current status (breeding season, calf deaths, etc.).

Computers and linear programming will be used to determine the feasibility of management alternatives. "We will look at the feasibility on the computer before implementing on the ranch," Lamm said.

Good record-keeping and accounting are critical to the program's success. "Computerization is the mangement tool, and the answer. We need good data," Dalsted emphasized.

To provide the necessary record-keeping, the Colorado Beef Improvement Program was set up in September 1982. Producers can enroll for a small fee per record processed.

"We are just at the point of helping producers start a file," Lamm said. "After the first year we will analyse each producer's records and see where to go from there.

"In five years we hope to increase beef production by 10 percent per economic unit (per ranch or per cow).

"Things may change three years down the road," Lamm noted. IRM might re-assess the project, depending on its success.

"We're all committed to make this work for the producer and to serve as a model for other programs," Lamm said. "We may be starting out with stars in our eyes. But we're off to a good start."

Foal seminars begin

KENNETT SQUARE — Pennsylvania Horse Breeders' Association and the University of Pennsylvania School of Veterinary Medicine are sponsoring a series of six seminars regarding pediatric problems in foals. Proceeds of the series will be used to establish an equipment fund for the Neonatal Unit at the University's New Bolton Center.

All seminars will be held in the Woerner Amphitheater at New Bolton Center, 382 West Street Road, Kennett Square, from 7:30 p.m. until approximately 9 p.m. The entire series can be subscribed for $75, or individual seminars from $15 each. The fee for couples is $125 for the series, or $25 for individual seminars. Enrollment must be made in advance by contacting PHBA. Following is a list of seminars scheduled.

Management of Pregnant Mare and Newborn Foal by Dr. Dickson Varner was held this week.

Prematurity and Behavioral Problems of the Newborn Foal, Dr. Wendy Vaala, Oct. 25.

Infections and Diseases of Foal Immunity Dr. Debbie Morris, Nov. 1.

Colic and Surgical Emergencies in the Newborn Foal Dr. David Freeman, Nov. 8.

Gastrointestinal Disorders of Foals, Dr. Robert Whitlock, Nov. 15.

Respiratory Tract and Disorders in Foals Dr. Jill Beach, Nov. 22.

Pest control training set

TRENTON, N.J. — On October 31 the Mercer County Cooperative Extension Service in Trenton will offer a training session for Category #6, Right-Of-Way Pest Control Operators. "The course is designed to earn credits for continuing certification for these commercial pesticide applicators who are presently certified," says Elaine Forgerty, Hunterdon County Agricultural Agent.

People interested in this program may include township and county road departments, state highway maintenance crews, public utility and railroad companies, and anyone in the private sector regardless of race, color, national origin, sex, or handicap, who controls undesirable vegetation.

To register, call the Mercer County Cooperative Extension Service at 609-989-6830 by October 24. The all-day program will offer three core credits and eight category #6 credits. Supervisors may register their personnel as a group.

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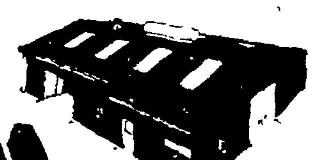

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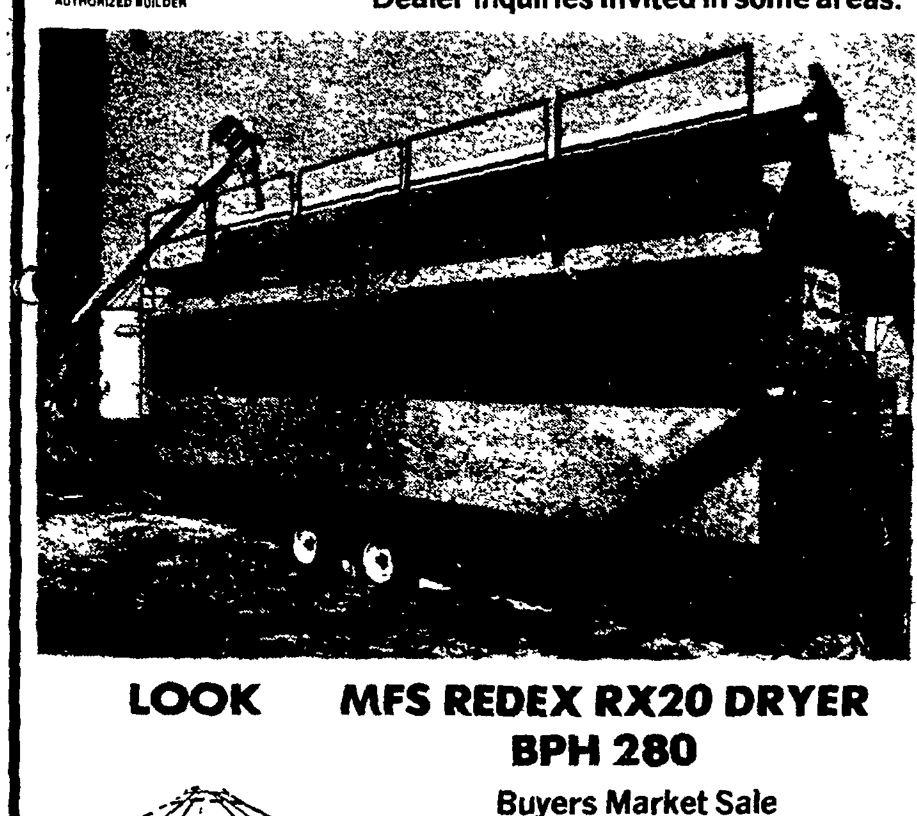

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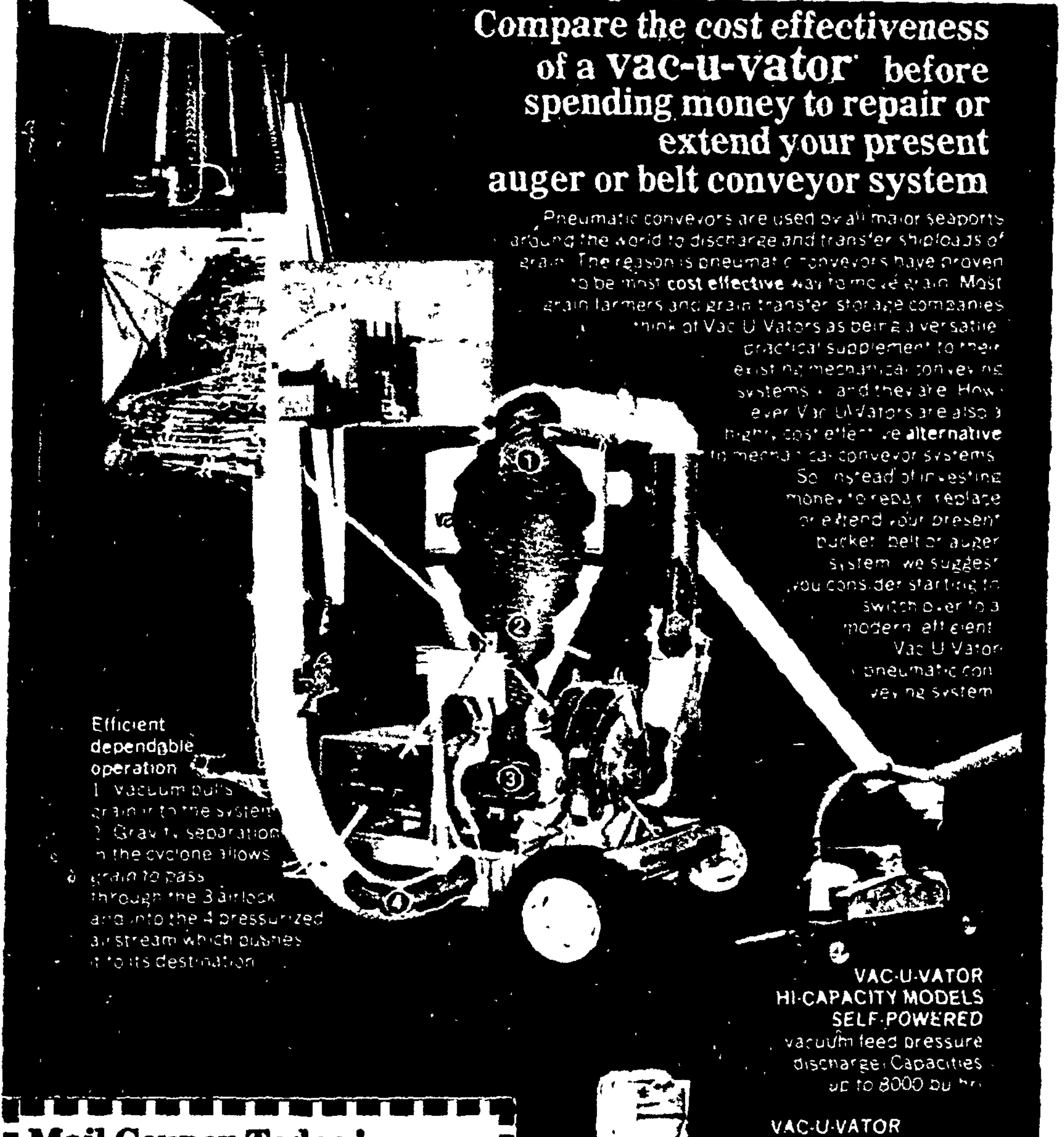

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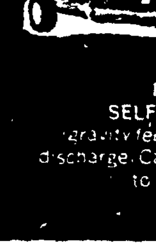

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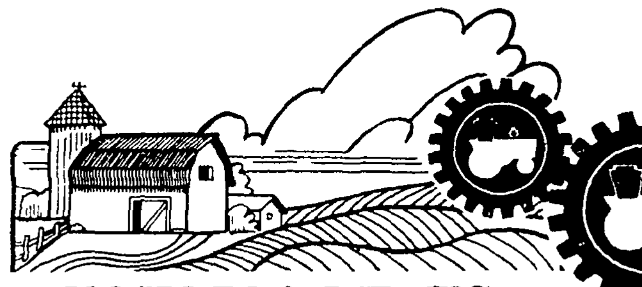

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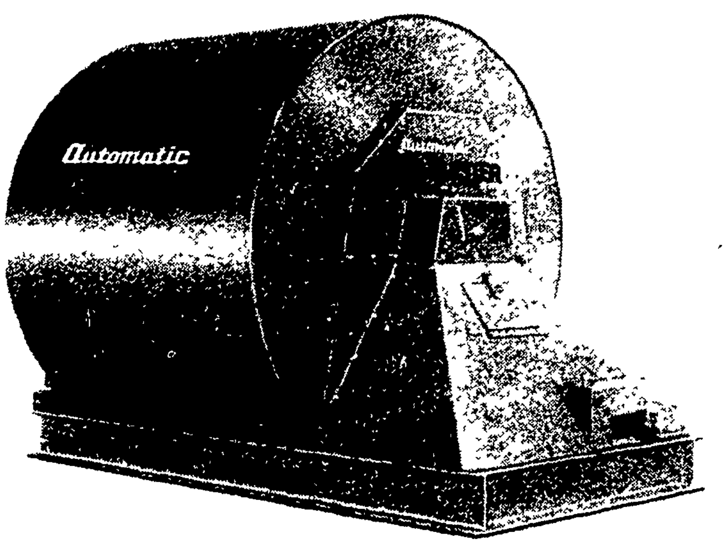

Automatic cites mixer

CHAMBERSBURG — The New Mix-Master from Automatic is a revolving drum mixer designed for efficient no-farm ration formulation according to Ryder Supply.

Unique, helical internal flights provide fast, thorough mixing without the separation problems which are common with other mixers.

The Mix-Master is a simple machine with a minimum of moving parts and low power requirements...as little as 5 h.p. for the 100 cu. ft. model which offers 2,000 lb. mixing capacity. There's also a 180 cu. ft. model which handles 3,600 lbs. per load. An optional digital weigher lets you compute rations as you go. Simplicity keeps the price low and operating costs at a minimum.

For further details contact the manufacturer, Automatic Equipment Mfg. Co., Department of NR, Pender, Neb. 68047, or the distributor, Ryder Supply, Box 219, Chambersburg, Pennsylvania, 17201.

Agway annual meeting next week

SYRACUSE, NY — More than 5,000 farmers and guests are expected to attend the Agway 19th annual meeting at the Onondaga County War Memorial Thursday and Friday in Syracuse, NY.

Under the theme, "Working for People Who Work the Land," the cooperative's farmer-members will hear reports by Richard Croner, chairman of the board of directors, and William A. Hiller, president and chief executive officer. Members will elect six farmers to the 18-member board of directors, attend a seminar on managing dairy enterprises with lower milk prices, and visit the popular Agway Farm Show.

The seminar on Thursday morning will be held in the Hotel Syracuse. Speakers will explore dairy feeding management, mechanization that pays, profitable cropping practices for 1984, and cash flow management. In discussion following each session, farmers can question a panel of experts.

About 40 young farm couples from northeastern states will be guests of honor and participate in special programs during the meeting.

Donald Wilkinson

The Agway Farm Show will be open from Thursday morning through Friday noon in the lower level of the War Memorial. Agway members and guests will see the latest in agricultural technology, including the AgriPlanner computer used for crop management planning, the new Cattle-Code automatic feeding system, new crop varieties and other technological break-throughs resulting from applied research at the Agway Farm Research Center near Tully, NY, and on members' farms.

Donald E. Wilkinson, governor of the Farm Credit Administration in Washington, DC, will be the featured speaker Friday morning. He will discuss the role of the farm credit system in northwestern agriculture and the financial problems facing farmers and their cooperatives throughout the country.

Agway Inc. is a farm supply and food marketing cooperative with 104,000 members-owners in 12 northeastern states. it is headquartered in Syracuse, NY.

Carryover seed sufficient

LANCASTER — The hot, dry weather that slashed propsective corn yields has taken an even heavier toll in seed corn production fields. The inbred plants which cross pollinate to produce hybrids are even more sensitive than their offspring to temperature extremes and lack of moisture.

As a result, much of the seed corn farmers will plant in the spring of 1984 will have been produced in 1982. The fact shouldn't be a source of concern to growers, however, since some of the seed they plant every year was probably carried over from the year before.

"We and other seed companies routinely produce more seed each year than we expect to sell", explains Charles McQuinn, Production Manager for the Eastern Division of Pioneer Hi-Bred International, Inc. "This extra seed is planned as insurance against a poor crop the following year. The situation in 1983 is a perfect example."

Without the additional seed produced in 1982, seed corn for planting in the spring of 1984 would be critically short. In a more normal year, seed from inventory makes up a much smaller part of the total seed sold. But regardless of what that percentage might be, seed produced two years before is offered for sale only if it meets some very strict quality standards. The most important of these, according to McQuinn, is the germination rate.

"The genetic characteristics of hybrid seed corn won't change while it is stored," McQuinn said. "But the germination rate can deteriorate if it isn't properly handled."

All Pioneer brand seed corn is sized, treated and bagged after harvest, even if it is planned inventory that won't be sold the following spring. Then it is stored in refrigerated warehouses that maintain a carefully controlled temperature of 50 degrees F at 55 percent humidity.

Before it goes into cold storage, however, samples of each hybrid, seed lot and kernel size are drawn for later testing in the lab for germination.

When delivery season nears the next spring, all of the inventory produced two years before is tested again. It is offered to farmers only if it meets the same high standards for quality and percentage of germination required for "new" seed. Otherwise it's discarded.

"Regardless of whether seed is new or carryover, corn growers can be confident that they're planting only top quality seed," McQuinn concluded.

Commercial gilts can upgrade hog herd genetics

LANCASTER — Hog producers often try to boost the productivity of their operations by upgrading their sow herd through the use of internally raised replacement gilts. According to two leading swine geneticists, in many instances a hog producer would be better off purchasing gilts to continually improve the genetics and the efficiency of his market hogs.

"A commercial hog producer who selects replacement gilts out of his own herd isn't going to be able to upgrade his herd very far by himself," said Rodger Johnson, swine geneticist at the University of Nebraska. "If a producer selects and uses his own gilts for a particular trait, he can get good results in the first generation. But the rate of improvement quickly flattens out."

"One way to continue to upgrade the sow herd and the quality of market hogs is through the use of genetically superior boars to sire those home-raised gilts. Improvement then does not come from selecting gilts, but comes with the improved genetic material brought into the herd by the boar. Another alternative is to purchase gilts from sources with effective genetic improvement programs," he declared.

Johnsons opinions are echoed by Eldon Wilson, manager of genetics and research for Kleen Leen, Inc., a commercial seedstock company. "Hog producers often purchase gilts when they are expanding, have a disease problem or want a major change in their lines," he said. "Commercial gilts are the best source for the constant stream of new genetics needed by a hog producer if he is to have increasingly efficient market hogs. Seedstock producers offer the latest, most efficient models of market hogs through their gilts and boars," he declared.

Johnson added that "selection from within can only produce, theoretically, one-half more pig per litter, six less days to market, and about one-tenth of an inch improvement in backfat, assuming a producer has the best management and record keeping systems. Gilts purchased from seedstock sources that have sound selection programs, ont he other hand, will inject new genetics into a sow herd and will result in larger and steadier improvements over the long run."

"Similar rates of long term improvement can come from purchasing boars from these sources and using them to sire replacement gilts. The best system depends on the cost of purchased gilts relative to the costs of developing replacement gilts on the farm and the quality differences between the two types, which is determined primarily by level of heterosis and breed makeup," he added.

Wilson, describing these traits, noted that "those with a low degree of heritability, such as litter size and number of pigs weaned, are strongly influenced by management and crossbreeding. Crossbred gilts generally exhibit estrus earlier, and have a greater number of estrus periods before first mating. They will then shed more eggs and produce larger litters than purebreds," he said.

He continued by saying that economic traits, such as average daily gain and feed efficiency, are moderately heritable. "However, they are such an important factor in the expense of running a hog farm – as much at 70 percent of total operating costs – that they should be a prime consideration in the design of market hogs and the selection of replacement gilts."

"The most heritable traits," Wilson said, "are carcass traits. These traits are between 35 and 60 percent heritable, thus making parental performance a good predictor of offspring performance," he explained.

According to Johnson, the number of crosses used to produce these improvements can vary. The greatest efficiency is achieved from an F-1 gilt of two mother lines mated to an F-1 boar of two sire lines. This maximizes heterosis and, in theory, ought to give you a 23 percent advantage from heterosis, compared to using a straight purebred breeding system. Other, on-farm systems of producing crossbred gilts can give nearly this much advantage. However, the more complicated the crossing system, the more complicated the management problem for the hog producer. That's why many hog producers buy commercially produced gilts. The seedstock company takes the management problem out of the female part of the breeding scheme," he said.

Wilson agreed, noting that "many producers produce their own replacement gilts from two purebred lines, but find it too difficult to manage the four purebred lines needed for an F-1 gilt. Because Kleen Leen markets recognizable crosses in gilts, hog producers can mix these animals as their replacement gilts and eliminate a complicated management task."

Wilson added that some hog

(Turn to Page D8)

IH names Aal to VP post

Irvin E. Aal

CHICAGO — Irvin E. Aal joined International Harvester's Agricultural Equipment Group effective Oct. 1, as senior vice president in charge of product management, engineering, marketing, and sales, according to Jack D. Michaels, group president.

In making the announcement, Michaels said, "Intensifying the interaction between the disciplines involved in planning, developing, marketing and servicing IH ag products in response to customer needs and in conjunction with improving our group's profit potential are important aspects of Aal's responsibilities. We are pleased to have someone with Aal's broad knowledge of our industry assume this important responsibility."

Aal's experience spans 21 years with Sperry New Holland, a farm equipment manufacturer headquartered in New Holland, Pa., where most recently he held the position of vice president and general manager of the North American Division.

He began his career at New Holland in 1962 as a member of the field sales organization and held a variety of increasingly responsible positions in this country until he was named director of sales for Western Europe in 1976. A year later he was named director of marketing for Western Europe. In 1979 he assumed the marketing responsibility for the entire European Division. He became vice president of world-wide marketing and public affairs in 1980 and the North American Division's vice president and general manager in 1981.

Aal is a native of Starbuck, Minnesota. He attended Luther College in Decorah, Iowa, where he majored in mathematics, and the University of Minnesota at St. Paul, where he studied agriculture.

He and his wife, Beverly, have two children.

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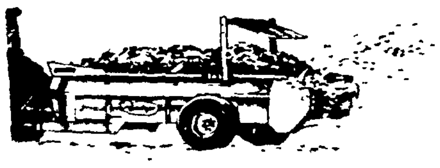

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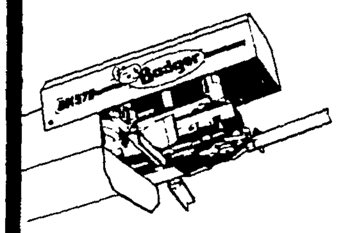

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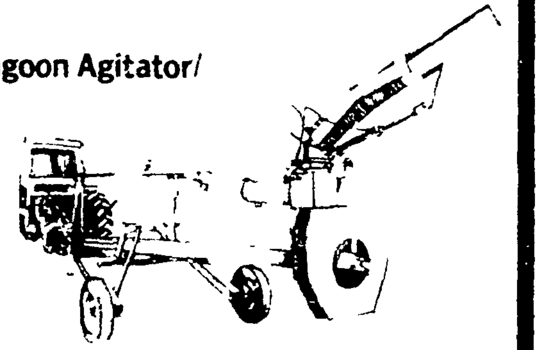

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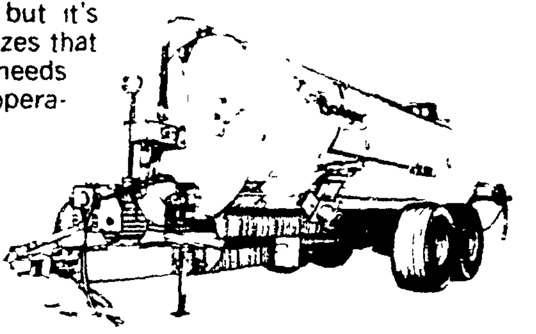

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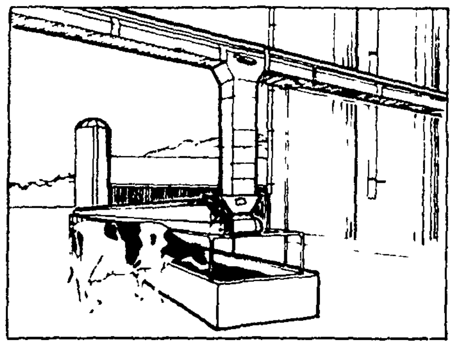

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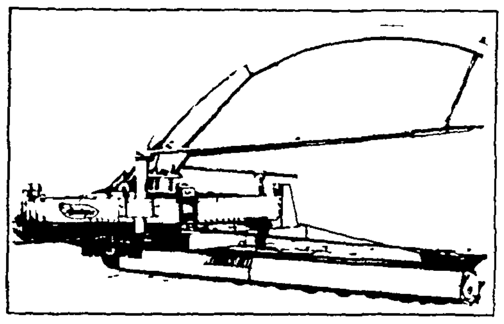

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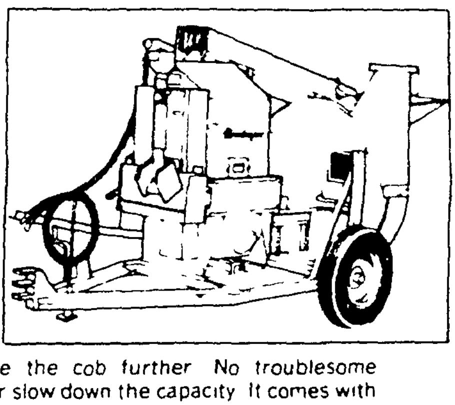

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Nutrient balance needed for strong corn stalks

DEKALB, Il. — When corn lodges, most of us are quick to blame the hybrid. While there are genetic differences that affect stalk quality, stalk strength and standability depend on the interaction of many factors. A very important one is the nitrogen-potassium balance in soils.

A high nitrogen-low potassium ratio causes stalk quality to deteriorate and produces stalks that are prone to develop stalk rots. The relationship of nitrogen, potassium and stalk quality is very complex and difficult to define experimentally. Most researchers agree, however, that having the proper balance of these elements is more important to stalk quality than the actual amount of either.

The popular impression that lodging is symptomatic of potassium deficiency and can be treated by applying potassium (potash) fertilizers is an over-simplification. Although lodging is affected by potassium supply, it is not determined by it. Physiologically, stalk quality is related to plant turgor (succulence) and carbohydrate (starch and sugar) levels within plants.

Both nitrogen and potassium dissolve in moist soils and are absorbed by plant roots. When soils dry, or when nutrient deficiencies exist, corn plants will exhibit the characteristic yellowing and eventual browning (firing) of the lower leaves symptomatic of nitrogen and/or potassium deficiency. With nitrogen, the yellowing begins at the leaf tip and follows the midrib. Plants deficient in potassium will yellow first along leaf margins. These symptoms represent an effort on the part of corn plants to survive by pulling nutrients out of one older plant part for utilization in another younger part.

Although stalk quality may be affected by many environmental conditions, it's good insurance to help plants withstand stresses by maintaining a properly balanced nitrogen-potassium ratio.

The following guidelines may be helpful as you assess the nitrogen-potassium balance of your soils:

1. A combination of soil testing and tissue analysis is the best way to fine tune your fertility needs. Soil samples for potassium should be taken in late summer or fall, well ahead of freezing, or in early May after soils have thawed. Tissue samples should be taken between tasseling and silking. Sample the leaves opposite and below the ear from several plants.

2. Build and maintain soil test values of 250 to 350 pounds of exchangeable potassium. You'll need to apply an average of four pounds of potash to raise the soil test value one pound. Knowledge of your soil's inherent ability to supply potassium, soil type and cation exchange capacity are important in assessing potassium needs. Maintenance applications should replace the approximate amount removed by the harvested crop. Building soil test potassium values to excessively high levels (500 to 600 pounds) is not likely to increase yields on most soils and may create imbalances which actually hurt yields.

3. Annual nitrogen applications should be based on yield goals and economic considerations. Generally, supplying 1.2 to 1.4 pounds of nitrogen for each bushel of yield goal is sufficient. When setting a yield goal, you should give special consideration to the productive level of your soil. Allowances should also be made for nutrient losses as well as sources of additional nitrogen such as manure or previous crop (soybeans or alfalfa).

Pen Hort meetings set

SALISBURY, Md. — Dates have been set for this year's Peninsula Horticultural Society meetings. The program for greenhouse and nursery operators will take place Tuesday, Nov. 15, from 9:15 a.m. to 3:45 p.m. at the Wicomico Youth and Civic Center in Salisbury, Maryland. The session for commercial vegetable producers will be held at the same place on Thursday, Dec. 8, from 9:30 a.m. to approximately 3:30 p.m.

For further information on either session, contact county extension agents in Delaware, or Eastern Shore Maryland and Virginia.

Commercial gilts

(Continued from Page D6)

producers to not buy commercial gilts because of the danger of bringing disease into a closed operation; but, because of this fear, many operations are limiting their genetic progress and sacrificing performance. Wilson said, "bringing in new gilts can be a problem if a producer is not cautious about where he buys his animals and about following careful isolation procedures when they arrive on his farm. However, most major seedstock sources take strict health precautions with their gilts. Kleen Leen, for example, not only tests and performs slaughter checks for six major categories of disease, including pseudorabies, but also provides limited warranties against certain diseases," he explained. "Every producer must weigh the potential risks of introducing diseases against the sacrifices to his genetic progress," he continued.

Johnson agreed, "real progress in commercial herds comes from bringing in superior individuals from outside the herd, not from selecting gilts within. The effect of gilt selection from within a herd quickly reaches a plateau," he concluded.

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Dairylea re-elects Rutherford

SYRACUSE, N.Y. — Dairylea Cooperative president Clyde E. Rutherford has been reelected to a sixth consecutive term at the close of the big cooperative's 64th annual meeting here. The Otego, N.Y. dairyman is also director of the co-op's district nine.

John N. Widger was reelected first vice president. Director of Dairylea District Two, Widger operates a dairyfarm at Ellicottville, N.Y.

Raymond J. Diebold was reelected second vice president and was elected secretary of the cooperative. The Altoona, Pa. area dairyman is also director of Dairylea District Six.

Silas E. Eakins, of Potsdam, N.Y., was elected treasurer of the co-op. He had most recently served as secretary. Eakins is director of Dairylea District Eleven in northern New York. As treasurer, he replaces Robert H. Whipple of Towanda, PA, who had retired from the board this fall.

Newly elected as assistant treasurer and executive committee member was Beriah E. "Ted" Willson, of Vernon Center, N.Y. The widely-known dairy industry leader is also director of Dairylea District Ten.

Elizabeth Kennedy, of Manlius, N.Y., was elected assistant secretary of the board.

Dairylea, with over 3,000 members in a seven-state region, is one of the largest dairy cooperatives in the northeast. Dairylea net sales were nearly $406,000,000 for the fiscal year ending March 31, 1983. More than 800 persons attend the two-day Syracuse meeting.

Atlantic picks 2 bulls

LANCASTER — Atlantic Breeders Cooperative has selected two young Holstein bulls from Pennsylvania to enter their young sire sampling program. They are among 50 Holsteins to enter the Cooperative's program this year, according to Harry Roth, Operations Director for Atlantic.

Fountain-Farm Irish Bell, bred by Harry and John Thompson, Newtown, will be known as 15H520 Irish. His sire, Carlin-M Ivanhoe Bell, is scored "Excellent" and has high PD's for both production and type. He is sired by Penstate Ivanhoe Star, a former popular Atlantic sire. Irish's dam, Fountain-Farm Elevation Coleen, is classified "Excellent" in the Thompson herd and has records up to 28,876M and 1,092F.

Oakenbound Tradition Freshman, bred by Richard Troutman and Sons, Richland, is coded as 15H531 Freshman. His sire, Sweet-Haven Tradition, is scored "Very Good" and excels in both production and type. Freshman's dam, Oakenbound-W Chief Fern-ET, classified "Very Good" in the Troutman herd and as a two-year-old made 24,221M and 927F in 365 days. Fern's maternal sister, Carl-A Jet Stream Farrah, is "Excellent" and has records up to 31,260M and 1,094F. Another maternal sister, Carl-A Chief Faith, is "Excellent-2E" and made 27,838M and 1,384F as a three-year-old.

Fellowships available

ATLANTA, Ga. — The Potash & Phosphate Institute (PPI) is now accepting applications from qualified graduate students in Soil and Plant Science for Fellowships to be awarded next spring. Applications and supporting materials must be submitted by Feb. 1. Announcement of the award winners will be made April 1, 1984. The Fellowships of $2,000 each will be granted directly to the winners.

Candidates for either M.S. or Ph.D. degrees are eligible. Priority will be given to students majoring in soil fertility, but those in soil chemistry, horticulture, crop physiology and other areas related to plant nutrition are also eligible.

The application should include a transcript of all college courses including cumulative and final grade point average, and letters of support from three individuals (one of whom is the major professor). Only one award will be made to any one school, but more than one student per school may apply. Fellows are not eligible for reappointment to Fellowships.

The Fellowship Committee consists of five members: Two from the PPI staff and three from the PPI Advisory Council. Dr. J. Fielding Reed, President (Retired) of PPI, serves as coordinator of the Fellowship program.

"Originality of research, its depth and scope, and innovative approaches are some of the factors evaluated," Dr. Reed said. The Fellowships are independent of other scholarships or assistantships.

Myers wins embryo transfer

HARRISBURG — Ben Myers, Mercersburg, is the winner of an outstanding registered Holstein embryo transfer in the "Lady of WORLD" promotion held at the Pennsylvania All-American Dairy Show. The announcement was made by Michael W. Young, Holstein World western editor, following the show.

Selected from hundreds of contest entries, Myers will receive an embryo from the outstanding cow Huff-N-Puff Pete Liza Gal (VG-88-3y) sired by Cold Springs Elevation Fagin (VG). The embryo will be transferred into one of Myers' animals by the Huff-N-Puff Embryo Transfer service, owned by Dr. William H. and Carolyn Pettit of Vincetown, NJ. Huff-N-Puff is providing both the embryo and transfer for this Pennsylvania show winner. Ben and Faye Myers own a herd of 37 milking Holstein cows. They own eight registered Holsteins, and utilize the prefix Ft. Steele Holsteins. Myers rent the farm from Ben's parents, and currently have a 15,100 pound herd average on DHI test.

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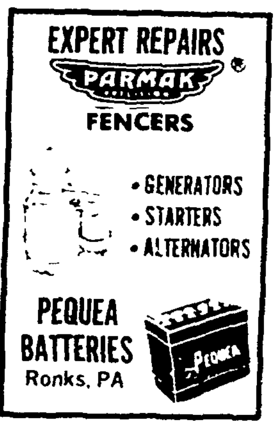
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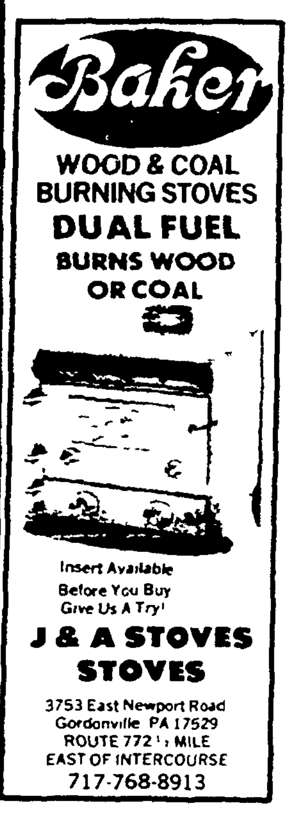
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Green Dragon dairy winners

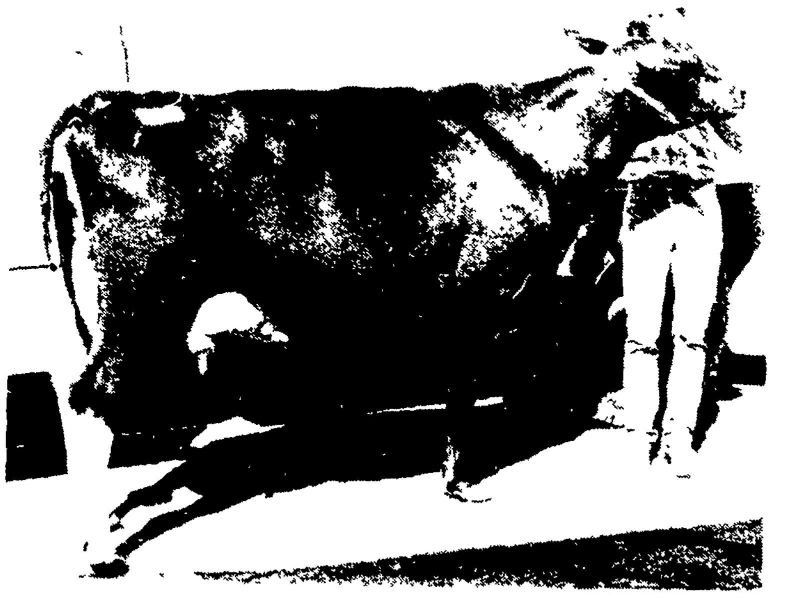
Alfred Albright and grandson, Duane Richard, of Landisburg, Perry County, swept a number of the top placings in the annual Green Dragon Dairy Show on Friday, Oct. 14.

Shown with the show's grand champion, *first in the fresh cow class, are Albright and Richard. The five-year-old grade milks about 80 pounds a day.*

Reserve champion with Richard was the tops in the mixed breed. The four-year-old milks some 75 lbs. a day.

The pair also had the first-place entry in the two-year-old fresh heifer class, plus thirds in dry cow, dry heifer and fresh cow.

Judges were Mel Kolb, Lancaster; Kelly Bowser, Pittsburgh; and George Scott, Troy.



Perry Valley Grange wins service award

HARRISBURG — The Pennsylvania State Grange has announced the winners of the 1983 State Grange Community Service Program Award. Perry Valley Grange, of Millerstown, was selected for first place honors out of the 80 Subordinate (or local) Granges across the state that submitted entries. The PA. State Grange is comprised of about 550 Subordinate Granges altogether.

The award is given to officially recognize outstanding community service projects initiated and successfully completed for the benefit of a Grange's local community.

The Perry Valley Grange won on the basis of its community service record, which includes 16 major projects conducted during the past year. Among these projects was the purchase of a "Lifeline" emergency monitoring system for the Polyclinic Medical Center. It also sponsored two eight-week courses in sign-language.

In other activities, Perry Valley has continued to organize the annual Easter egg community hunt, and the presentation of the Future Farmers of America Awards at the Newport and Greenwood high schools. It is also involved in holding a dinner annually for senior citizens at the Grange Hall.

A $200 U.S. Savings Bond will be presented to Perry Valley delegates attending the annual PA. State Grange Session in Clearfield, Oct. 24-27. The winner will be able to enter the National Grange competition for a $1000 Savings Bond Award.

The second place Community Service Award honor goes to the Middletown Grange in Wrightstown along with a $150 Saving Bond prize.

Third place award recognizes the community programs of the Fleetwood Grange, with fourth place awarded to the California Grange in Watsontown.

Third and Fourth place winners will receive a $100 and $75 savings bond respectively.

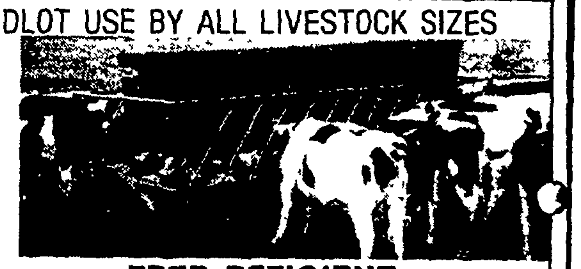
Dairy school set Nov. 8 & 9

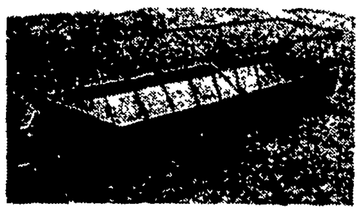
HONESDALE — A Dairy Herd Reproduction School will be held at the Knights of Columbus Hall, Rotue 191 South of Honesdale from 10 a.m. until 3:30 p.m. on Nov. 8 and 9. The school will provide information to dairymen in analyzing herd reproduction status and outline management programs designed to improve reproductive performance in dairy herds.

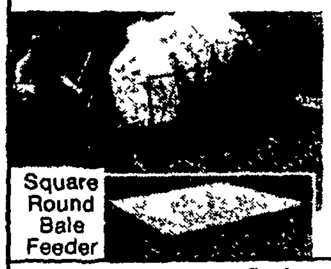
Such topics as reproductive efficiency, anatomy and physiology, heat detection, reproductive diseases, nutrition and reproduction, heat synchronization, reproductive health programs, and reproductive records will be presented. Time will be allocated for questions and discussion.

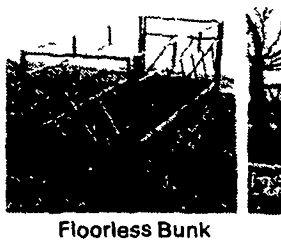
Speakers will be Dr. Larry Hutchinson, Extension veterinarian, Penn State University; Michael O'Conner, Extension dairy specialist, Penn State University; Richard Lenz and Donald Hibbard, Sire Power; and Dr. Joseph Nebzydoski, veterinarian, Pleasant Mount.

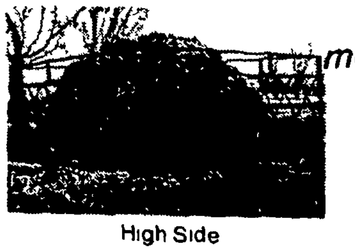
Advance registration is requested by contacting the Wayne County Agricultural Extension Office, Courthouse, Honesdale. As soon as dairymen register they will be supplied with a workbook and asked to enter herd data prior to the beginning of the school. There is a registration fee to cover educational materials and two light lunches.











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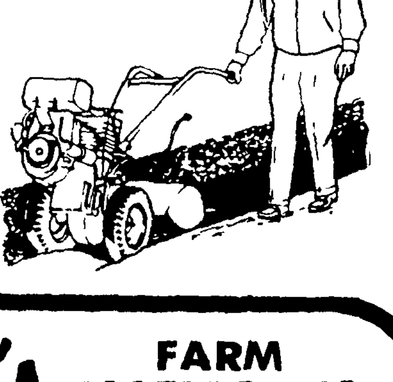

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Pa. distributes $8 million for needy food program

HARRISBURG — Pennsylvania Agriculture Secretary Penrose Hallowell has announced plans to distribute cash grants to Pennsylvania counties for purchase, storage and transportation of foods for the unemployed and needy.

The program is the result of an $8 million appropriation in the 1983-84 state general fund budget for cash grants to food banks for food for unemployed and needy individuals and their families. This food will supplement 45.6 million pounds of federal suplus commodities valued at almost $65 million already distributed under the existing State Needy Family Distribution Program.

The plan is designed to accomplish the following objectives:

—serve unemployed and needy individuals and families on an equitable statewide basis.

—establish uniform criteria for program participation.

—utilize funds to purchase the largest possible quantities of food relative to the amount of available funds.

—minimize transportation and storage costs, direct and indirect, which will not exceed five percent of the county allocations.

—allow the development of flexible program approaches to insure maximum participation by eligible individuals and families.

—utilize and build on existing county volunteer agency boards (FEMA) to avoid unnecessary costs of implementation and duplication.

—place a priority on use of Pennsylvania food products.

—minimize state administrative responsibility and interference.

—provide state information and assistance to local government and/or local volunteer and non-profit agencies, including the services of a nutritionist upon request.

Hallowell said the Department's program will provide a maximum amount of funds for food purchases by limiting storage and transportation expenses to no more than five percent of the county allocations. He noted that the program allows an equitable distribution to all 67 counties, based on each county's actual need.

"Allocations of funds will be based on the county's weighted percentage of the state's total unemployed (60 percent), medical assistance eligibles (20 percent), and non-cash grant Food Stamp recipients (20 percent)," Hallowell said.

The funds may be used at the local level for purchase, processing, etc., and Hallowell noted, "The system provides local flexibility to maximize benefits to eligible recipients."

The Pennsylvania Department of Agriculture has agreed to act as a procuring agent to solicit bids from food processing and retail associations to help expand the availability of food products. The program will place a priority on use of Pennsylvania food products, helping economic development and supporting jobs in the commonwealth.

Each county will be urged to utilize and build on existing county volunteer agency boards (FEMA) to avoid unnecessary costs of implementation and duplication of effort. Eligibility requirements will be defined by the individual county in developing its own distribution plan.

All plans will be approved by the Pennsylvania Department of Agriculture prior to disbursement of the funds – no county plan will be allowed which will create an economic burden on the program's recipients. Each county will be required to retain evidence that eligibility requirements have been met.

"Use of existing volunteer agencies and boards will enable the county to make appropriate local level decisions, to set-up for the program rapidly, and to avoid duplication of services to the needy," the Secretary said.

At the same time, the state government's role in the program is minimized. The state has established uniform criteria, will provide technical assistance and audits, and will channel approved grants to the counties.

"The goal of this one-time program must be to see that as many unemployed and needy individuals in every area of the commonwealth are served," Hallowell said, adding, "Through the system we have devised, each county will be responsible for its own program, and can tailor the program to its needs and its ability to distribute these Pennsylvania food products."

Lebanon seeks ASCS nominees

LEBANON — Petitions to nominate eligible candidates for community committees have been mailed to all known agricultural producers on Oct. 6, according to John Stick, Chairperson of the Lebanon County ASC Committee.

The communities in Lebanon County are known as #1, Heidelberg & Millcreek; #2, South Lebanon, North Lebanon, North Cornwall, West Cornwall & Cornwall Boro; #3, South Annville, South Londonderry, North Annville, North Londonderry; #6, Union, Swatara, East Hanover, Cold Spring; #8, Jackson, Bethel.

A petition signed by three eligible voters is needed to nominate a farmer candidate. Petitions may be on any sheet of paper and must include a statement that the candidate has agreed to serve if elected or a petition may be obtained at the ASCS Office. Nominees should be currently engaged in the operation of a farm and be well qualified for committee work. A farmer is eligible if he lives in the county and has farming interest in the community.

Petitions must be received at the county office, Agway Bldg., 2nd Floor, Lebanon, Pa. no later than Oct. 31, 1983.

Duties of a community committee member are:

1. To serve as a delegate to the county convention to elect a county committee.

2. Other duties as assigned by the COC.

The committee urges agricutlural producers to nominate the farmer of their choice to represent them on the ASC community committee.

If you have any questions concerning nominations, visit, call 273-9321, or write the ASCS Office.

Participation in ASC elections and programs is open to all farmers regardless of race, color, religion, age, sex, or national origin.

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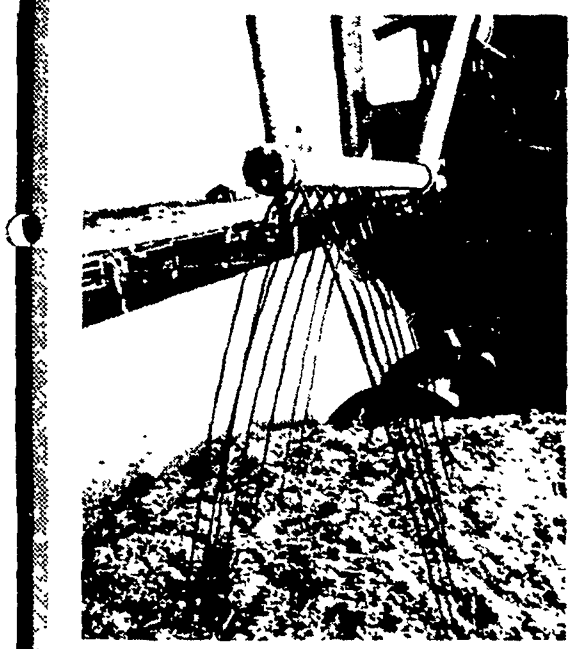

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Tioga County DHIA Monthly Report

dhia Pennsylvania Dairy Herd Improvement Association

August Report

OWNER	BRD	NO. COWS	DAYS MILK	LBS. MILK	LBS. FAT
Harold Robson Jr	RH	51.3	91.7	22,036	764
L&J Holsteins	RH	38.0	89 5	19,256	749
Glenn Bowen	RH	38.2	88 0	19,312	734
Verne W Bowen	RH	40.9	89.2	19,286	704
P & E. Machmer	R&GrH	25 4	87.7	18,090	697
Thomas Groover	R&GrH	27.3	86.3	18,649	689
Richard Groover	RH	40 6	83 5	18,536	688
Simalot Holsteins	R&GrH	39 6	86.3	18.450	687
Stephen E Bolt	R&GrH	68 0	86 4	18,811	682
Jay Foreman	RH	75 9	87 6	17,422	579
Larry & Mary Herman	RH	47 8	86 9	18,301	675
Chas. & Doris Porter	R&GrH	43 7	86 4	18,864	674
Robert Shanley	R&GrH	67 8	87 9	17,240	660
Leemon E Gaugler	RH	35 4	85 5	17,520	659
Dale E Allen	R&GrH	69 2	88 8	17,750	653
MIC Realty	RH	53 3	88 6	17,919	652
Theodore Schmelzle	RH	49 0	85 9	17,995	651

THE HIGH PRODUCERS

Cows that produced 750 lbs of butterfat or more in 305 days in August 1983 in the Tioga County D H I A

OWNER NAME OR NO.	AGE	DAYS IN MILK	LBS. MILK	LBS. FAT	LBS. FAT
Rodney&Pam Sherman					
Babe	6-6	305	26,489	3 9	1039
L&J Holsteins					
Nanette	6-8	305	24,910	3 8	953
Janet	9-7	305	19,813	3 8	758
Charles&Doris Porter					
Susie	7-1	305	24,547	3 8	943
Marlene	6-11	305	25,053	3 6	910
Tracy	5 1	305	20,374	3.1	804
Tom Bower					
#18	6-6	305	21,712	4 3	939
#127	5 7	305	19,296	4 4	857
#126	3-8	305	19,974	4 3	849
#103	4 9	305	16,081	5 0	797
#29	5-11	305	18,769	3 9	774
Willys Hamilton					
#108	7 0	305	21,075	4 4	929
Gordon M Wood #1					
Cindy	4 11	305	24,520	3 8	924
K Lyn	5-8	299	24,588	3 5	863
Mel	4 6	305	22,394	3 8	854
Patty	5 7	305	23,314	3 5	808
Puff	4 3	305	20,496	3 8	773
Mona	3-10	305	19,918	3 8	763
Glenn Bowen					
Susy	6 7	305	23,966	3 8	911
Carmen	5-7	305	20,291	4 1	826
Diane	3-2	305	18,668	4 2	779
Robert Shanley					
#126	5-0	305	23,388	3 9	903
#116	6 1	305	23,175	3 8	886
#149	3 8	305	22,286	4 0	884
Norman&Gary Jackson					
Jody	6 10	305	21,379	4 0	865
Helen	7 8	305	20,416	3 9	788
Hilda	4-11	305	19,789	3 8	754
Richard Groover					
Susie	4-0	305	26,495	3 2	861
Mary J	4 0	293	21,709	3 6	787
Betty	3-0	305	22,875	3 3	763
Judy	10-8	305	18,727	4 0	752
Clark Bowen&Son					
Dusty	9-1	283	20,311	4 2	856
Kemp	8-3	305	20,403	3 9	786
Stephen E Bolt					
Kim	8-11	299	22,956	3 7	855
Topsy	9-10	305	20,944	3.8	795
Jay Foreman					
#301	6-3	305	20,850	4 1	851
#356	4-6	305	21,904	3 7	804
#292	6-5	305	19,735	3 9	776
Gerald Parker					
Elsie	5-1	305	21,688	3 9	845
Buffy	7-6	305	23,088	3 4	786
Paul&Emma Machmer					
#13	4-9	305	20,615	4 0	828
#1	2-9	298	18,472	4 1	764
Dale E Allen					
#31	3-10	305	23,404	3 5	814
#2	4-10	305	19,190	4 1	782
War-Bern Farm					
Jet	4-3	305	21,528	3 7	800
Harold Robson Jr					
Lewie	4-4	305	21,113	3 8	793
Ida	6-2	305	22,646	3 3	750
John Undercoffler Sr					
Barb	8-5	302	18,921	4 2	792
Double R Farm					
Susie	3-11	305	22,339	3 5	787
Tim Webster					
Judy	9-1	305	21,351	3 7	784

(Turn to Page D13)

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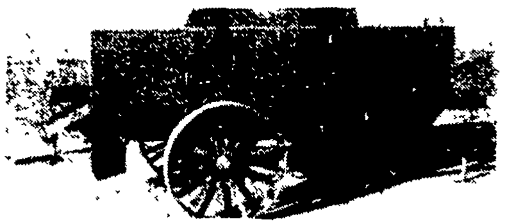

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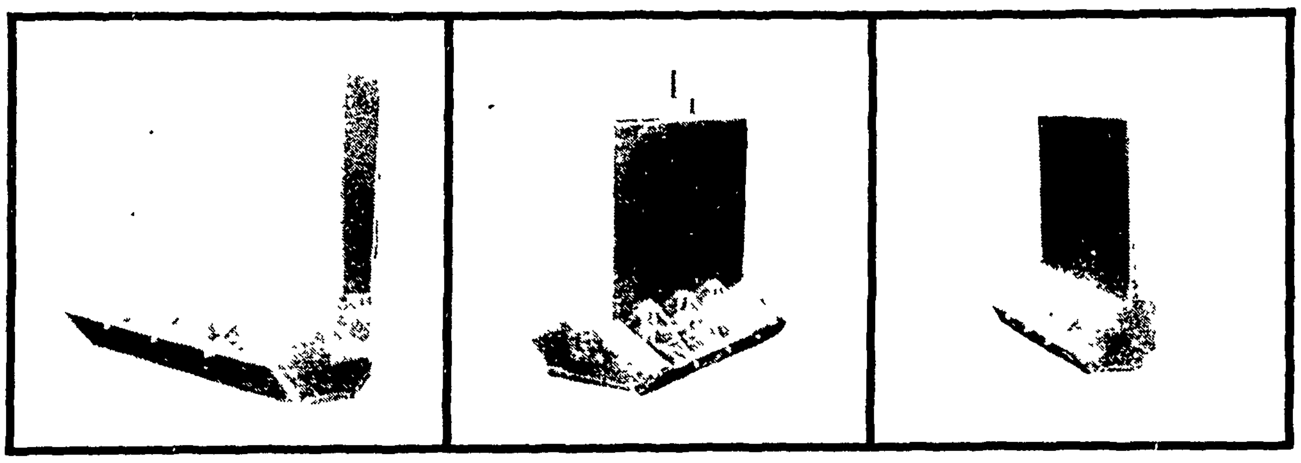

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Wayne plans water resources meetings

HONESDALE — A series of three educational meetings on the water resources of the upper Delaware River Region will be held Oct. 26, Nov. 1, and Nov. 15 at 8 p.m., at the Honesdale High School.

The meetings are being conducted by the Wayne County Extension Service and the Wayne County Planning Department in cooperation with the Wayne County Chamber of Commerce, Wayne County Farmers Association, and the Wayne County Commissioners.

The purpose of the meetings is to provide information to interested citizens on the water needs of the Delaware River Basin and and opportunity to look at possible alternatives of meeting these needs The role of the Delaware River Basin Commission in the management of water in the basin will also be examined.

Some of the specific topics to be presented will be - Water use and Water Law, A Historic View of Water Management in the Delaware River Basin, Current Management Practices in the Basin, and the Role of the Courts and the Commission.

Speakers will include Timothy Weston, Pa. Department of Environmental Resources; Bruce Stewart, Executive Director, Water Resources Association of the Delaware River Basin; Robert Goodell, Chief Engineer, Delaware River Basin Commission; Edward Wisely, Citizen and Resident of the river basin; William Douglass, Wayne County Planning Director, Robert Fish, River Master, Milford; and Jerry Hansler, Executive Director, Delaware River Basin Commission

The final session on Nov 15 will consist of a panel discussion with Robert Mermell, W.D.N H. Radio, serving as moderator

All interested persons are welcome. Additional information on the series of the meetings can be secured by calling the Wayne County Extension Office at 717-253-5970 ext. 114.

Tioga Co. DHIA

(Continued from Page D12)

Clifford Brace					
Laurie	4 10	289	19 259	4 1	783
Sue	9 9	305	23 385	3 3	780
Mark Sherman					
#34	4 1	305	23 143	3 4	782
#93	1 11	305	21 672	3 5	761
Leemon E Gaugler					
Bingo	3 2	305	17 416	4 5	781
Amanda	4 4	305	22 435	3 5	779
James Bradshaw					
#28	5 2	305	20 790	3 7	775
Joseph R Sherman					
#72	5 6	305	21 698	3 6	773
Charles F Johnson					
#61	4 0	293	18 702	4 1	773
Alpha E Monk Jr					
Nugget	5 5	305	19 269	4 0	768
Galen & Dale Jackson					
Carol	4 0	305	21 239	3 6	762
Vernard Watkins					
Hope	3 1	305	19 968	3 8	754
Herbert Borg					
Oyster	5 5	305	21 256	3 5	753
Richard Chamberlain					
Darlene	5 9	305	21 054	3 6	752
Dan Bower					
#39	4 1	305	16 622	4 5	750

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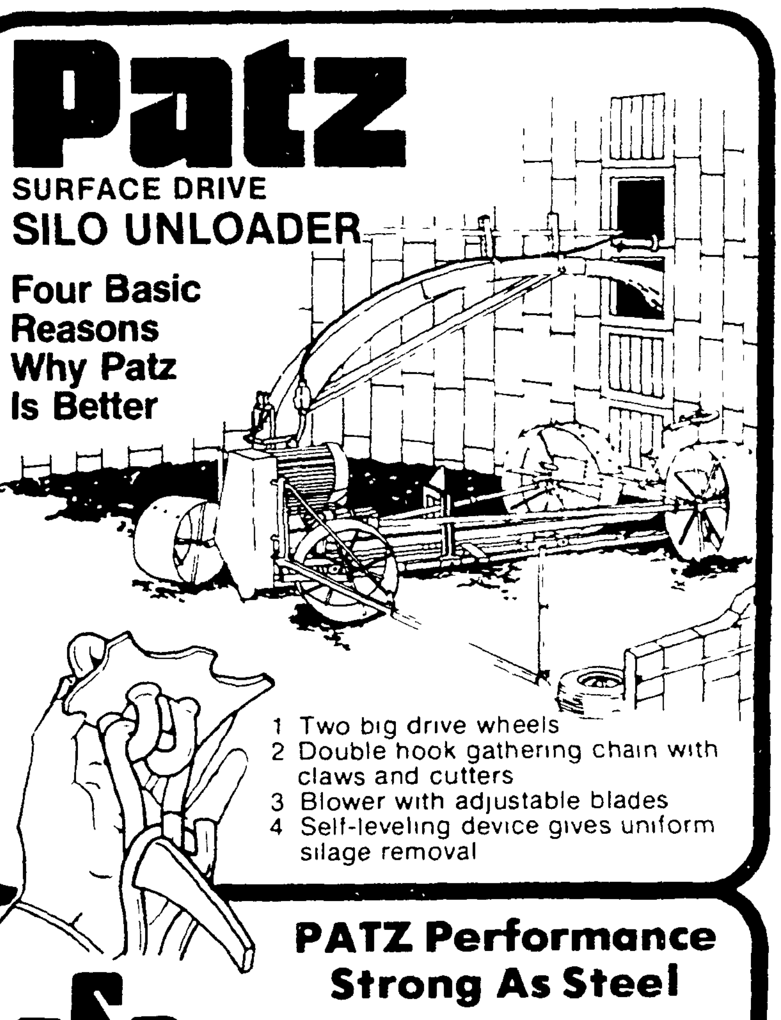

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Pennsylvania Dairy Herd Improvement Association

Mifflin County DHIA Monthly Report

August, 1983

NAME	BRD	NO. COWS	% COW DAYS IN MILK	LBS. MILK	LBS. FAT
E. Clair Fisher	H	48 8	90 1	18,436	716
Mark S Yoder	H	81.7	89.1	18,389	707
Merle E. Yoder	H	35.7	89.9	18,947	705
Joshua D. Yoder	H	51 4	89.8	18,813	702
Percy & Glen Yoder	H	81.9	87.9	18,705	702
Fred C. Myers	H	23.2	89.5	16,754	700
Moses J. Zook	H	49.6	87.1	18,403	695
Bradstead Farm	H	37 0	90.4	18,445	694
Sylvanus S. Peachey	H	88 8	90.0	19,248	693
John A. Peachey	H	55 5	89.4	19,752	690
David T. Hostetler	H	34.3	89.5	17,889	676
John M. Byler, Jr.	H	39.5	84.5	18,399	671
Paul H. Yoder	H	53 6	87.9	17,944	667
G. Sheldon Peachey	H	42.5	88.0	18,496	662
Frank J. Hartzler	H	48.7	90.6	17,758	662
James L. Hostetter	H	43.5	91.9	17,109	658
John L. King	H	46.4	87.9	17,092	653
John Y Bawel	H	15.3	89.8	18,288	652

High Cows & Heifers 750 Lbs. Fat & Over

OWNER NAME OR NO.	BREED	AGE	LBS. MILK	LBS. FAT
Peachee Farms				
Zelda	H	5-7	18,776	779
Donna	H	5-3	21,713	817
Moses J Zook				
Flossie	H	5-1	21,133	790
Ide	H	5-1	22,088	817
Becky	H	4-6	21,397	826
Sylvanus S Peachey				
Carrie	H	7-1	17,865	774
Flit	H	6-5	26,617	930
*Vera	H	3-3	26,772	870
Percy S & R Glenn Yoder				
Charity	H	5-8	19,759	864
Naomi	H	4-6	19,665	821
Doris	H	5-6	22,067	756
Elaine	H	4-6	22,513	803
Kim	H	3-1	20,815	785
Eve	H	3-2	21,773	760
Jonas B. Kauffman, Jr.				
Jessie	H	9-7	18,751	751
Nell	H	6-3	19,919	763
Frifl	H	6-2	21,261	773
Gail	H	4-1	19,903	786
James H. Allison				
Cathy	H	6-4	19,111	792
Leroy Kauffman				
Iris	H	9-4	18,264	802
David R. Spicher				
Wendy	H	8-10	20,394	845
Fred C. Myers				
Kitten	H	13-6	19,127	827
John A. Peachey				
Lou Lou	H	2-11	23,001	767
Joshua D. Yoder				
Lana	H	7-5	22,227	879
Sis	H	6-6	18,979	753
Judy	H	4-3	21,800	812
John K. Kauffman				
Willie	H	4-1	22,714	761
James L. Hostetter				
Renita	H	3-10	19,686	831
Galen M. Kenepp				
Sara	H	6-1	23,143	762
Mark S Yoder				
#504	H	4-4	21,038	875
#533	H	3-5	17,884	766
#535	H	4-1	18,787	807
Kore E. Yoder				
Becky	H	8-11	19,111	752
Rora	H	5-11	19,285	833
John B Peachey				
#7	H	4-0	23,237	763
E. Clair Fisher				
Tina	H	4-1	21,490	821
Louis S. Peachey, Jr.				
#80	H	4-11	19,306	887
Ellinger Brothers				
#141	H	6-10	19,278	775
Paul H. Yoder				
Kitty	H	5-8	20,772	774
John M. Byler, Jr				
#92	H	9-2	19,715	757
David T. Hostetler				
#6	H	9-9	25,390	1034
Aquilla I Yoder				
#44	H	8-8	18,868	766
#56	H	3-4	19,598	759
Bill & Karol Wingert				
Peachum	H	5-10	21,903	868
A Fred King				
#198	H	5-1	20,651	757
#205	H	4-1	23,241	806
#186	H	4-0	21,278	758
Patricia C Haughwout				
Auntie	H	8-0	18,432	795

GARRETT CO. DHIA
September, 1983

The following Dairy farmers were the top 20 milk producers in Garrett County for the month of September All records are official DHIA

Ezra Schrock	25	19,894	676
Philip Beachy	38	19,624	676
Carl Bender	57	19,048	733
Jonas Kinsinger	25	18,861	662
Oren Bender	68	18,381	673
Tobie Kinsinger	24	18,337	631
Edgar R Yoder	42	18,272	654
Daivd W Yoder	44	18,230	674
Fred Petersheim	23	18,107	633
Ernest L. Ganoe	146	18,084	629
Fred W Teter	56	17,946	593
Paul & Henry Kinsinger	46	17,790	715
Paul Yoder	35	17,670	658
Simon J Tice	35	17,621	591
Charles Mason, Jr	71	17,478	655
Menno J. Yoder	33	17,185	604
Margroff Bros	45	17,031	572
Cleland Beitzel	52	16,897	584
Daniel Lee Yoder	28	16,849	612
Robert W. Bender	36	16,665	627

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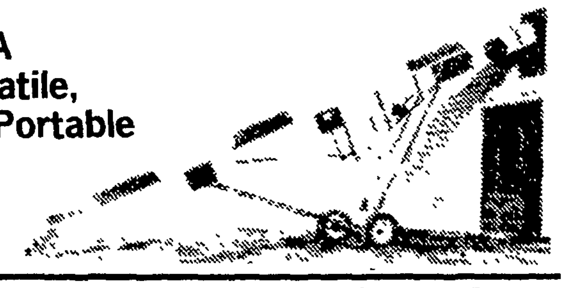

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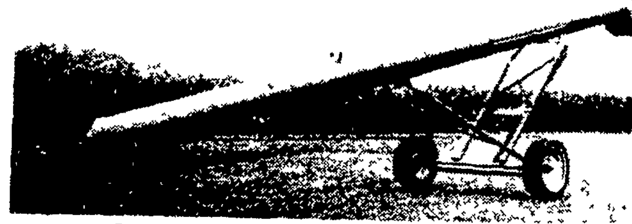

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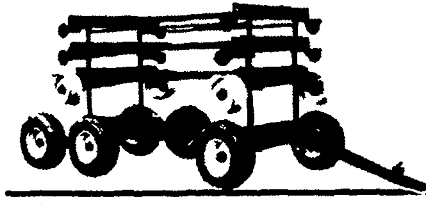

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• N.I. 329 Sheller Attachment, 1978	$4300.00
• N.I. 279 Cut-Ditioner, 1982	$5415.00
• N.I. 768 Uni Row Crop Attachment, 1981	$4750.00
• N.I. 766 Uni Pickup Attachment, 1982	$2379.00

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Penn State plans dairy computer conference

UNIVERSITY PARK — The Department of Dairy and Animal Science of the Pennsylvania State University welcomes everyone associated with the dairy industry to the first Penn State Dairy Computer Conference on December 14 and 15, 1983.

The purpose of this conference is to give interested people a further understanding of computers and computer software specifically related to dairymen. A second focus of this conference will deal with the computer software and expertise that is available through Penn State.

A final portion of the program will provide you with "hands on" experience with some of the programs that will be demonstrated during the conference.

Also planned is a trade show for vendors and dealers of computers and computer programs to demonstrate what is currently available on the market.

Registration

The following fee will be collected to cover registration costs and instructional materials: $30 per person ($40 per person after 11-15-83) plus $5 per optional afternoon "hands on" session. Afternoon sessions will be limited as to availability of computers. These will be offered on a first come-first served basis through advanced registration only. Each person is limited to a maximum of 2 afternoon "hands on" sessions only.

Agenda

Wednesday, December 14, 1983.
Keller Auditorium.
A.J. Heinrichs - Moderator.

10:00 a.m. - 1:00 p.m. - Trade Show and Registration.

1:00 p.m. - The Role of Computers on Dairy Farms, Dr. Terry Smith.

2:00 p.m. - Getting Started - Hardware Compatability and Needs, Mr. Don Mincemoyer.

2:30 p.m. - Getting Started - Software Compatability and Needs, Dr. Jud Heinrichs.

3:00 p.m. - Coffee Break.

3:15 p.m. - Spreadsheet Programs - Financial and Cash Flow Analysis, Mr. Graham Bell.

4:00 p.m. - Data Base Programs - Uses and Applications, Mr. Tom Mincemoyer.

4:45 p.m. - The Role of Computers in Pennsylvania Agriculture, Dr. Art Hussey.

Trade Show open until 10:00 p.m.

Thursday, December 15, 1983.
Keller Auditorium
L.D. Muller - Moderator.

8:30 a.m. - Dairy Management Programs, Dr. Jud Heinrichs, Dr. Larry D. Muller.

9:15 a.m. - Ration Balancing and Evaluation Programs, Dr. Richard S. Adams.

9:45 a.m. - Coffee Break.

10:00 a.m. - Spreadsheet Programs - Farm Analysis, Mr. John Brockett.

10:30 a.m. - Future Role of Computers in Pennsylvania DHI, Dr. William Heald.

11:00 a.m. - Putting it All Together - On-Farm Milking - Feeding and Management, Dr. Terry Smith.

12:00 noon - Lunch - on your own.

Trade Show Runs 1:00-5:00 p.m. - Keller Conference Center.

1:00-3:00 p.m. - Hands on Session #1, Keller Conference Center.

3:30-5:30 p.m. - Hands on Session #2, Keller Conference Center.

These optional sessions will be open to the first 50 people registered for each session. Simply check the section(s) that you desire on the registration form. These are optional 2-hour sessions. You may sign up for a maximum of 2 sessions.

"Hands on" description

Spreadsheet - working with spreadsheet on programs demonstrated during the conference in the area of Financial and Cash Flow Analysis. The session also will focus on additional uses of this program in making dairy herd management decisions.

Data base - working with "Data base" on programs demonstrated

(Turn to Page D16)

Advance Registration Form
PSU Dairy Computer Conference

		Amount
Advance Registration $30 00	$	_
After 11 15 82 - $40 00		
Optional "hands on" sessions ($5 00 each)	$	
Total Amount	$	

Deadline 12 1 83

Name ______

Street or RFD ______

City ______ State ______ Zip ______

County ______ Phone ______

"Hands on" sessions if desired select 1 or 2 preferred - $5 00 each check desired one(s)

______ Spreadsheet programs
______ Database
______ Ration Balancing
______ Herd Management
______ Milking Equipment Sizing

You may indicate an alternate session if desired session(s) is(are) filled - please mark with A

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410 J O Keller Conference Center
The Pennsylvania State University
University Park, PA 16802

Phone 814-865-9547

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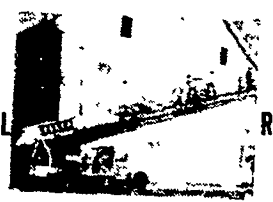
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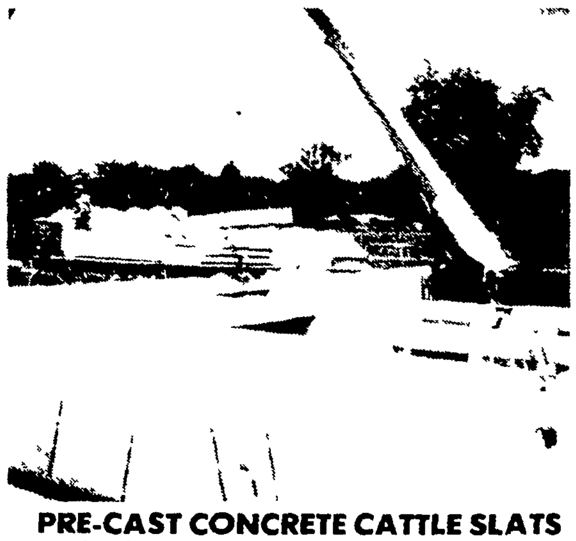
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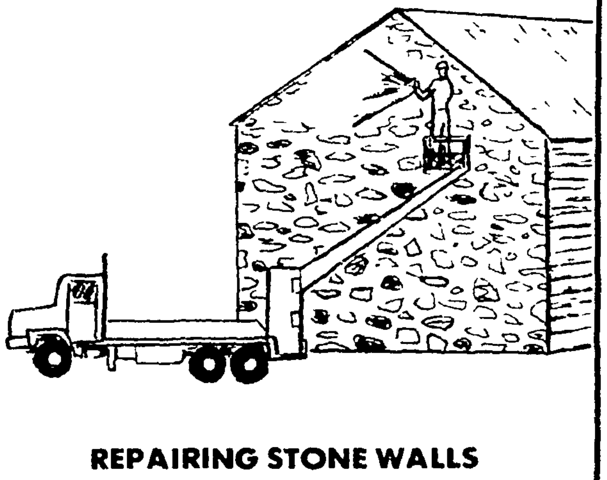
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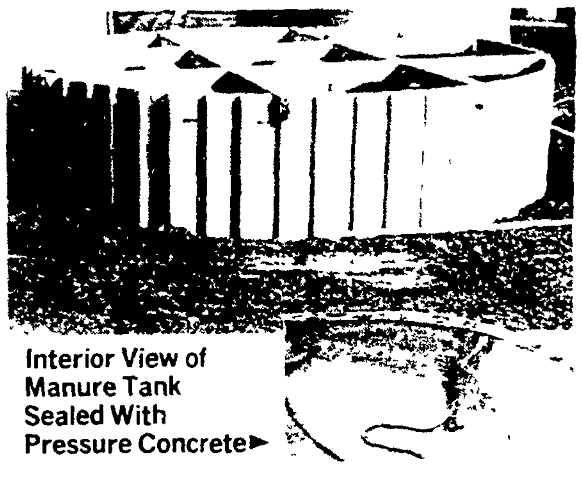

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Gel carrier helps vegetable production

UNIVERSITY PARK — A relatively new planting procedure, known as fluid drilling, allows germinated vegetable seeds to be planted in a gel carrier.

Advantages of this method include larger yields of higher quality vegetables, and an earlier emergence of more uniform plant stands and growth. Fluid drilling also enables chemicals and growth regulators to be added to the seed-gel, and provides the ability to plant smaller, irregular seeds.

"I have an interest because fluid drilling is a means of reducing costs for the grower," says Michael D. Orzolek, associate professor of horticulture extension at Penn State. Orzolek has been working with the process for three years.

Fluid drilling involves four major operations: germinating seeds at the best temperature, light, and oxygen environment; storing the seeds in a controlled environment; preparing a suitable gel carrier; and calibrating gel-seed planters.

The procedure was developed by the British Agricultural Research Council during the 1970's. Concurrently, the National Research Development Corporation of England funded a private company, Fluid Drilling Ltd., to develop the commercial equipment needed to use this new method for planting vegetables and other small-seed crops.

"Extension specialists and agents have yet to fully understand this system," Orzolek says, "and growers have not yet caught on. In the next four years, hopefully, the Northeast will see more fluid drilling."

Fluid-drilling planters are commercially available from England and Canada. Several original models of such planters have also been built in the United States. These planters are designed to move seed-gel mixtures from their holding tanks to the soil surface via furrow openings, using a peristaltic pump, a piston pump, or air pressure.

The planters can be modified to put out a continuous bead of gel, with seeds randomly spaced in the row. They can also drop gel-seed clumps at pre-determined intervals. The clumps contain usually two to five seeds in approximately half a teaspoon of gel.

Seed germination occurs in controlled environments, where the temperature is between 65 to 80 degrees Fahrenheit. For seeds requiring light during germination, incandescent bulbs are used. Water is aerated to produce ample oxygen for complete germination. For larger systems, provisions must be made to insure a continuous flow of water.

Since not all seeds germinate at the same time, it is possible to separate germinated from non-germinated seeds. By combining and planting all the germinated seeds, more uniform and complete stands are developed.

Germinated seeds can be stored for up to a week, in case planting is delayed. Storage conditions vary with the type of vegetable seed, but typically the temperature should stay between 34 to 45° F, at around 80 percent relative humidity.

The main differences among the many commercial gels on the market include chemical make-up, ease of preparation, and flow characteristics. Initially in a power form, the gel is mixed with water and stirred. Then chemicals like fertilizer, fungicides, insecticides and growth regulators can be added. When the gel is prepared, germinated seeds with small roots are mixed in — using agitation. The newly-created gel mixture then goes into the holding tank of a fluid drilling planter.

Dairy conference

(Continued from Page D15)

during the conference in the area of diary herd management decisions and analysis.

Ration Balancing - working with the Penn State Ration Balancing and Ration Evaluation programs developed by Dr. Richard Adams, using an updated Penn State feeds library.

Herd Management - working with management programs demonstrated during the conference to allow insight on what can be done with the available software from Penn State and private sources.

Milking Equipment Sizing - working with program developed by Stephen Spencer in the area of bulk tnak sizing, using heat exchangers, and milker pump sizing.

For any further information contact:

Dr. Jud Henrichs - program chairman.
(814) 863-3916.
Dr. Larry Muller - assistant chairman.
(814) 865-7638.
Borland Laboratory
Penn State University
University Park, PA 16802

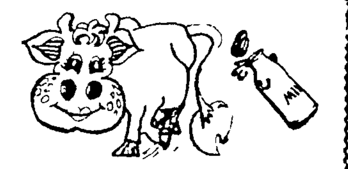
Potato meeting Thursday

HAMLIN CORNERS — A Potato Production Field Meeting is scheduled for Thursday, Oct. 27 at 3 p.m. at the Homer Courtright Farm, located about two miles from Hamlin Corners off of Route 590 East.

This field meeting will feature 14 different potato varieties that were grown this year on the Courtright Farm as part of the Wayne County Extension Service's Potato Demonstration Plots. Other topics to be discussed will include a discussion of herbicides, fungicides and insecticides to use on potato plants plus a discussion on potato diseases.

All potatoe growers and others interested in potato production are invited to attend this field meeting.

Additional information about this Potato Production Field Meeting can be obtained by contacting the Wayne County Extension Office at 717-253-5970 ext. 114.



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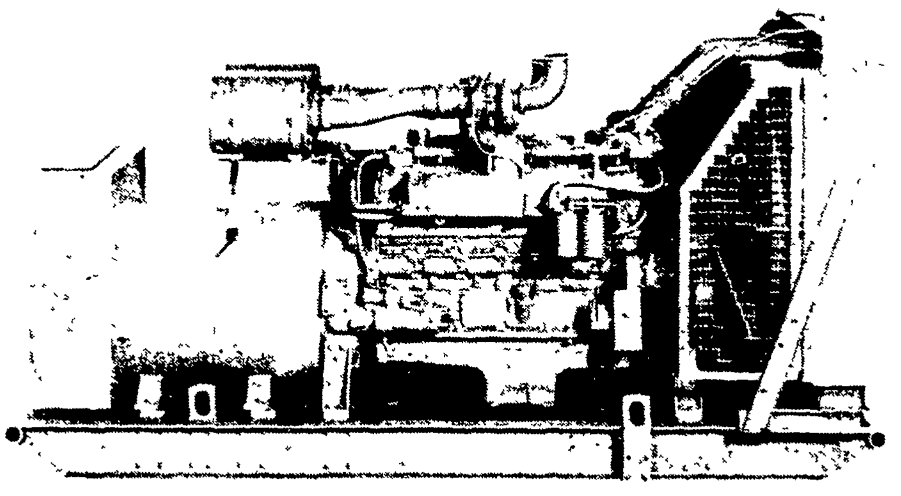

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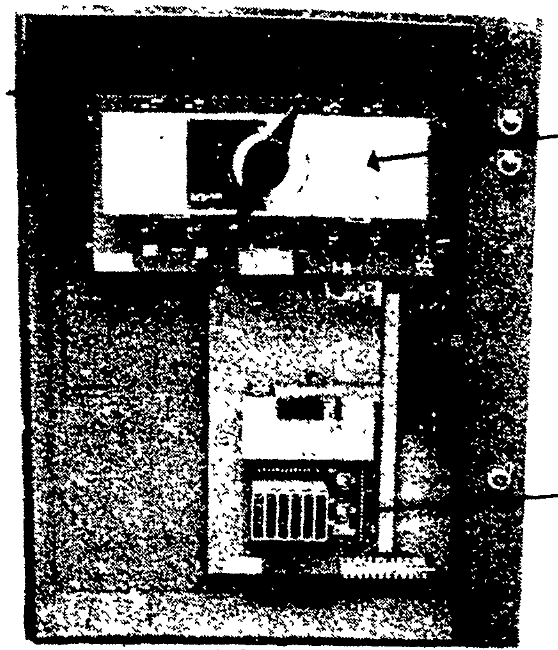

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MILK MARKET NEWS

ORDER NO. 4 BASE MILK PRICE $13.96 FOR SEPTEMBER

Alexandria, VA, — Middle Atlantic Order Market Administrator Joseph D. Shine on October 10 announced a September 1983 base milk price of $13.96 per hundredweight and an excess milk price of $12.42. The weighted average September price is $13.98 and the butterfat differential for the month is 17.4 cents. The base milk price is up 11 cents from August and is 9 cents higher than last September's price.

The advertising withholding rate, which is deducted from the base and excess milk prices but not the weighted average price is 14 cents a hundredweight. The gross value of September producer milk was $68.3 million, compared to $67.1 million last year. A total of $685.2 thousand was deducted for advertising in September, up from $678.9 thousand last year.

Mr. Shine said that producer milk receipts totaled 489.4 million pounds during September, an increase of 4.5 million pounds or 0.9 percent from a year earlier. The average daily delivery per producer was 2,338 pounds, up 60 pounds or 2.6 percent from the September 1982 average.

Class I producer milk totaled 252.0 million pounds and was up 13.3 million pounds from a year ago. Class I producer milk accounted for 51.49 percent of total producer milk receipts during the month, up significantly from 49.23 percent last September Base milk accounted for 92 50 percent of total producer milk receipts in September compared to 92.02 percent a year ago. The market average butterfat test of producer milk was 3 55 percent in September 1983 and 3 53 percent a year ago.

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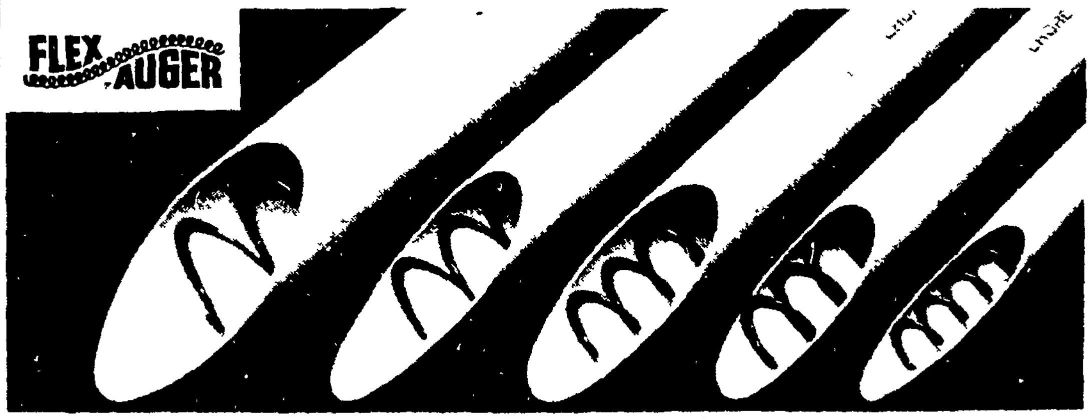

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Blair County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

August, 1983

Twenty High Herds

OWNER	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Thomas W Kelly	65.2	89.4	19,581	723
Marcove Farm	67.8	84.0	19,368	719
Richard R Fox & Sons	42.5	85.1	18,473	713
G W & R G Baker	71.2	90.9	19,239	704
Penn-England	88.1	88 0	18,326	702
Clover Will Farms	141.5	88 5	19,199	693
James Smith	38 3	93.0	19,742	690
William R England	155.6	89.0	19,285	685
Dale W Hoover	34.9	89.3	18,577	681
Blackcrest Farms	68.6	86 5	18,162	678
Charles & Mike Hoover	96.5	87.6	18,820	676
Fred Bechtel	71.7	89 0	18,922	674
Over Lane Farms	67.4	89.3	18,018	674
Dawn Baker	105 4	86 7	18,334	672
Gerald Burket	96 4	86 0	20,250	671
Lar Ann Farm	113.8	85 9	18,246	668
Raymond Diebold	34 9	88 6	18,876	665
Richard Heltzel	37.1	87.4	17,643	660
Revere Smith	49.8	86.9	18,277	655
Mary Walters	65 7	88.6	15,048	654
Burket Falls Farm	85.2	89 7	17,465	654

High Cow

The high cow for the month is a registered Holstein in the Thomas Kelly herd. Josie, at 7-03, produced 28,101 pounds of milk and 1047 pounds of butterfat in 305 days.

Individual Cow Records of 305 Days Or Less Over 750 Pounds Butterfat

OWNER NAME OR NUMBER	BRD	AGE	LBS. MILK	% FAT	LBS. FAT
Harold Guyer					
Stubby	RH	7-6	17,869	3.2	784
Smith Hollow Farms					
Tina	RH	3-1	21,476	3.1	818
James Smith					
Brenda	GH	4-1	21,348	3 1	768
Curryview Farms					
Lindira	RH	4-3	19,222	3 4	778
Clover Will Farms					
34B	GH	4-4	19,392	3.2	762
G Wayne Smith					
Grace	GH	4-4	22,814	3 0	807
Thelma	GH	4-0	20,589	3.1	811
Harold Yingling					
126 Ada	RH	3-9	17,782	3 1	791
Oswald Bros					
Pan2 44	RH	5-2	21,932	3 3	813
Mil-Ber Farms					
Birdie	RH	10-2	24,990	3.0	781
Aileen	RH	7-5	20,263	3.1	831
Lima	RH	6-11	19,118	3.5	824
Floss	RH	3-10	22,762	3 1	785
Marcove Farm					
Jean	RH	4-11	20,050	3 5	861
Burket Falls Farms					
405	RH	6-1	17,152	3.5	819
Susette	RH	5-9	26,068	3 0	905
Dennis A. Smith					
Tracey	RH	4-11	22,912	2.8	754
Gerald Burket					
Trudy	GH	6-5	21,391	3.3	759
Bonnie	RH	4-8	22,343	3.1	864
Blackcrest Farms					
23	RH	6-7	24,598	3.0	859
Richard R Fox & Sons					
Connie	GH	6-2	23,080	3.2	878
C Eugene Smith					
97	GH	5-3	20,247	3.2	765
W. Dean Stern					
59	RH	5-0	21,076	3 5	807
Leonard Burket					
5	GH	6-11	20,276	3.3	827
William R. England					
38B	GH	7-4	20,383	3.3	776
71B	GH	6-7	23,677	3.0	791
1D	GH	4-1	20,031	3.3	800
66D	GH	3-2	20,887	3.1	766
Elwood H. Stitt					
Jodie	RH	6-0	22,117	3.2	761
Rodney L. Metzler					
86	GH	10-6	19,334	3.3	786
26	GH	7-10	18,711	3.5	831
Jerry & Sandy Young					
7	GH	2-11	21,552	3.1	888
Thomas W. Kelly					
Josie	RH	7-3	28,101	3.0	1047
Julius Replogle					
Dizzy	GH	3-3	22,974	2.9	754
Cross Country Farms					
99	RH	6-1	22,043	3 2	775
101	RH	6-5	20,429	3 0	770
P39	GH	6-3	20,310	3.2	752
175	GH	4-11	20,137	3.2	797

(Turn to Page D19)

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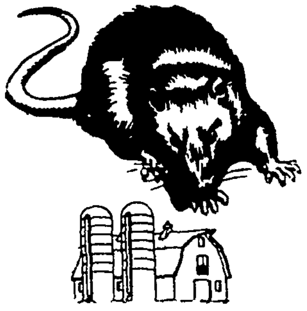

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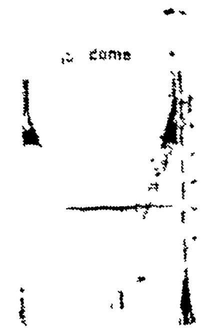

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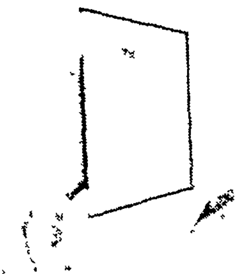

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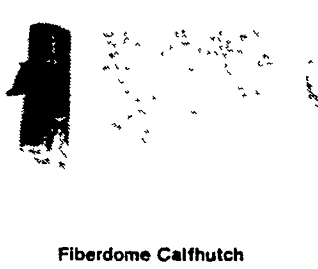
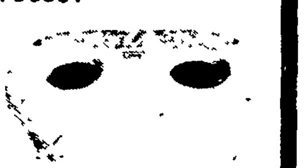


Fiberdome Calfhutch



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Energy Edicts

By James W. Garthe

Penn State Ext. ag engineer

After finding the right heat reclaimer system, dairy farmers must make sure they are properly installed and maintained, says James W. Garthe, Extension agricultural engineer at Penn State.

If the system is installed properly and maintained, it can save up to three-fourths of the money needed to heat water on dairy farms, says Garthe, who is currently working with the Governor's Energy Council.

The heat reclaimer should be installed in an area that will not freeze. An area with adequate, but not excessive ventilation is ideal.

Excessive airflow from an exhaust fan or a natural ventilation opening can cause the heat reclaimer to lose precious heat in the winter. No ventilation can raise the temperature of the milking parlor in summer.

Heat losses in the refrigerant lines make outdoor installation of heat reclaimers of little value. Long piping should be avoided, even in indoor installations.

Fiberglass insulation around the heat reclaimer and storage tank helps reduce heat loss and improve performance. Proper installation of check valves on water lines is also important to reduce natural convection heat losses.

Installation of a heat reclaimer on a milk refrigeration system may adversely affect the performance of the refrigeration system. If the refrigeration system cools milk barely within the required time, the dealer should be contacted prior to installation of the heat reclaimer.

Water supply quality should be checked and reported to the dealer before deciding on a heat reclaimer. Poor water quality demands the installation of glass-lined heat exchangers to avoid corrosion of the metal plates or tubes.

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(Continued from Page D18)

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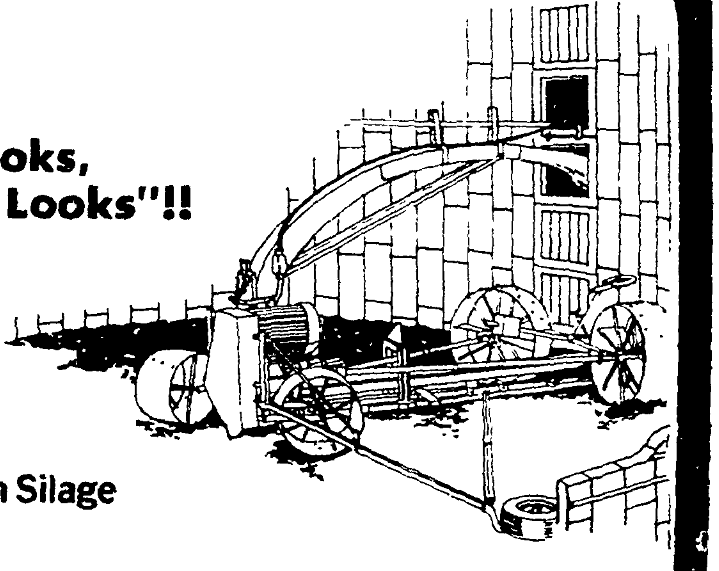

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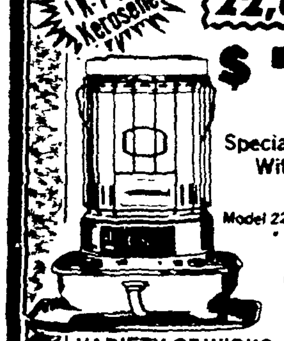

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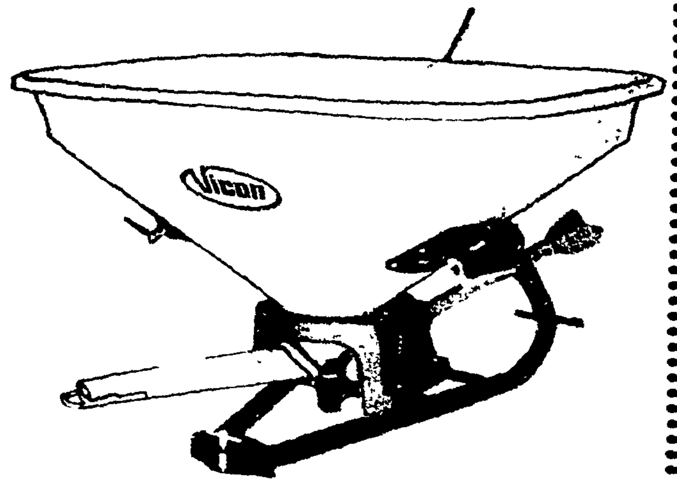

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Drug residues can cause problems

WASHINGTON, D.C. — In 1982, USDA condemned about 1,500 calf carcasses – predominatntly from new born veal calves – for illegal sulfa and antibiotic residues.

The violations generally occurred in the northeast and northcentral United States, the nation's major dairy producing areas. This represents a more than three-fold increase from the 450 calves found with similar illegal residues in these areas in 1981.

During the second quarter of 1983, USDA's inspection program indicated a continued unacceptable number of calf carcasses with illegal residues of these drugs, many with residues over 50 times the permissible levels.

Because these high levels pose a potentially serious public health problem and adversely affect consumer acceptance of veal, the USDA has launched an educational program on residue avoidance aimed primarily at dairy farmers.

The educational program is designed to encourage dairy farmers to adopt farm management practices that prevent violative drug residues in newborn calves. The success of the voluntary Residue Avoidance Program in substantially curtailing rates and levels of violation will eliminate the need for a more rigorous federal regulatory effort.

According to the Food Safety and Inspection Service of the USDA, the problem is caused primarily by a small number of dairy farmers who improperly give sulfa or antibiotic drugs to newborn male calves that will be marketed and slaughtered within several days.

Dairy farmers are not the only cause of the drug residue problem among newborn calves. Sometimes calves leave the farm without having had any drugs but are treated by dealers during the subsequent marketing process.

Newborn dairy calves typically suffer a 20 percent mortality rate if they do not receive adequate care at birth. With proper care, the death rate falls below five percent. For those calves that are sold shortly after birth and that receive minimal care, sulfa drugs or antibiotics are used to reduce disease occurrence. Frequently, the treated newborn calf comes to slaughter before the drugs have sufficiently depleted in the animal's system, making the meat unacceptable for human consumption.

Meat containing residues above certain tolerance levels is considered adulterated and in violation of federal inspection laws, and must be condemned by USDA. For sulfa drugs, the Food and Drug Administration – the agency responsible for approving animal drugs and setting permissible resdue levels – allows residues up to 0.1 parts per million in the edible tissue. For antibiotic drugs, as differentiated from sulfa drugs, the permissible residue levels vary with each drug.

The problem is not confined to any one sulfa drug or antibiotic. High levels of residues have been found for both drugs.

Drug Withdrawal Time

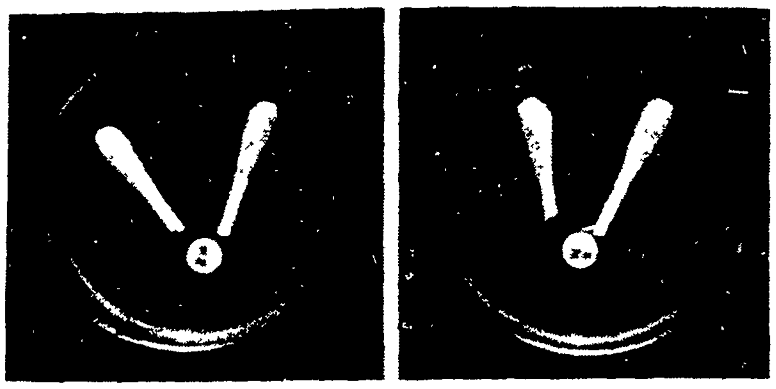
An animal that has recieved medication must be kept from slaughter for a "withdrawal period" – a specified period of time that allows the drug to be depleted in the meat to levels safe for human consumption. Only a small percentage of dairy farmers market calves with high levels of drug residues. Farmers must read and understand the labels on drug containers, which note the withdrawal period.

USDA Inspection Procedures

All USDA meat and poultry inspection includes both monitoring and surveillance phases. In the monitoring phase, inspectors take tissue samples from randomly selected carcasses at slaughter plants and send them to laboratories for analysis. From the analyses, the department determines nationwide residue incidence and trends and identifies specific problems.

If a carcass sample under the monitoring program is found to contain violative residues, USDA notifies the farmer who sold the calf, the FDA, and the state agriculture officials.

In a letter to the farmer who marketed the violative calf, USDA requests that the department be informed the next time calves are marketed. USDA then holds the carcasses of those calves at the slaughter plant until tests prove them free of violative residues. Only after five consecutive calves have tested free of violative residues is this special requirement lifted.



STOP test: The two swabs on each petri plate have been soaked in fluids from the kidney of a calf at slaughter. After incubation, the plate on the right shows a clear zone around each swab, indicating an inhibitory substance such as sulfa. The plate on the left has no clear zone, indicating no detectable inhibitory substance.

This requirement can also be met if the farmer has the calves pretested by a USDA-certified laboratory before they leave the farm.

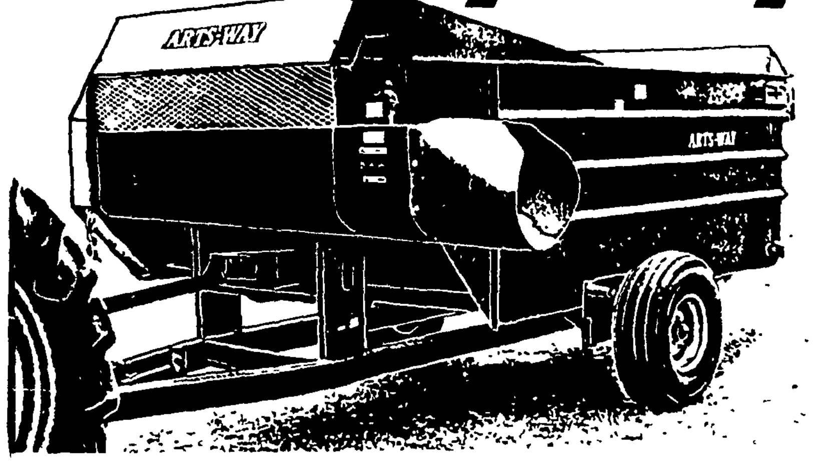
Proposed Regulatory Action

If by January 1984 a significant downward trend from the 1983 violation rate of drug residues in calf carcasses has not occurred, the USDA will reconsider its regulatory posture. If necessary, future actions might include holding and testing the following categories of calves until inplant screening or laoratory testing proves them free of violative sulfa or antibiotic residues:

1. All newborn calf carcasses showing any signs of disease.
2. All calf carcasses from any auction market with a history of an unacceptalble violation rate.
3. All carcasses from calves transported to other auction markets to avoid the testing, where evidence of such pratices exist.

To the extent necessary, USDA will invoke these or still more stringent holding and testing requirements to assure that veal is

(Turn to Page D21)



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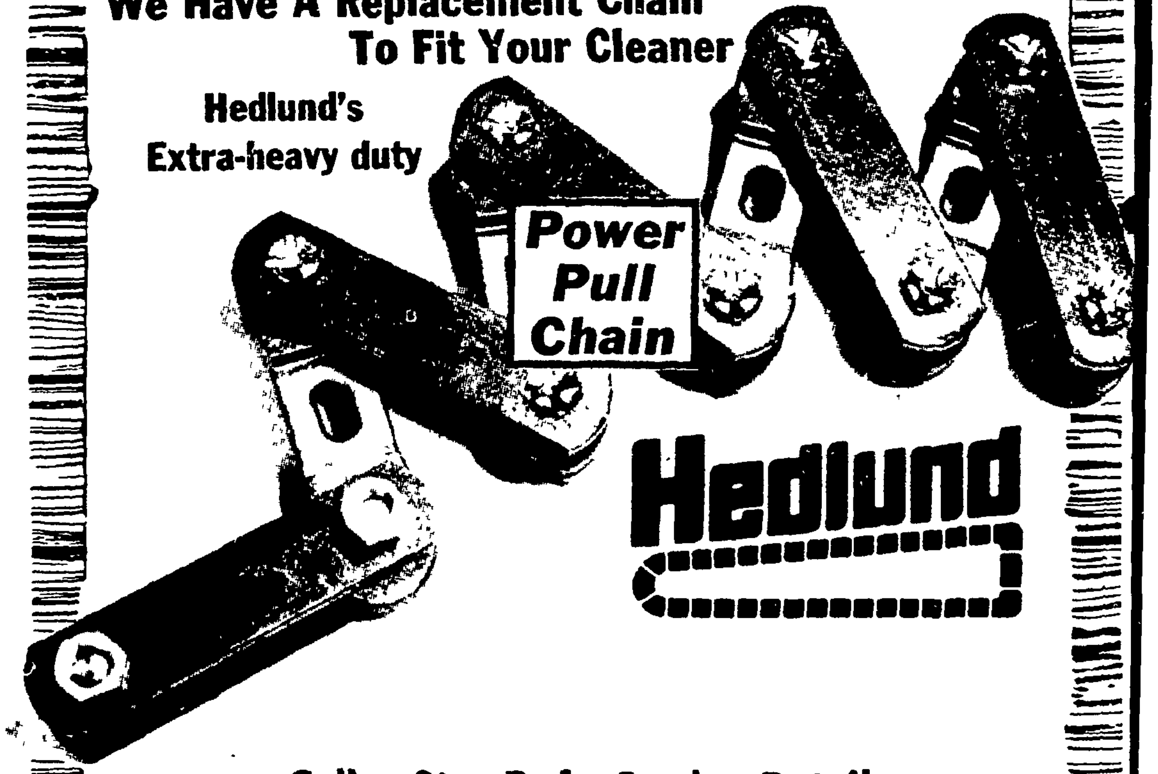

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Drug residues

(Continued from Page D20)

safe and wholesome before it enters consumer channels.

New Tests For Residues

In the last several years USDA has developed several new methods to help federal meat inspectors determine quickly and easily if a carcass contains violative drug residues. As these methods are adopted in all plants, detection becomes consistently more likely.

One of the most important new tools available is the STOP test. The Swab Test On Premises, or STOP, shows in less than a day whether carcasses have violative antibiotic residues. A modification of STOP detects excessive sulfa residues. Traditional laboratory testing, by comparison, takes one to two weeks.

To perform the test, an inspector inserts an ordinary cotton swab into the liver, kidney or muscle tissue of a slaughtered animal. The swab is then put on a plate containing a nutritive gel streaked with harmless bacteria. After 18 hours in an incubator, excessive levels of antibiotics or sulfa drugs will inhibit bacterial growth around the swab tip. If no violative levels of residues are present, the bacteria will grow right to the swab.

USDA has adapted the STOP test to analyze for antibiotics in live animals. The Live Animal Swab Test, or LAST, is a simple urine test that tells whether excessive levels of antibiotics are present in animals before they are sent to slaughter. Farmers can readily use this test since, like STOP, it require only cotton swabs, bacteria plates and a simple incubator. Although the test is limited to testing urine, generally from dairy cattle, USDA is working to expand its use.

Penn State's Program

Three state universities have begun information campaigns to make producers and others involved in marketing food animals aware of possible problems from unsafe drug and chemical residues, and how to avoid them.

Using Residue Avoidance Program funds, the Pennsylvania State University, the University of Minnesota and the University of Wisconsin have taken different approaches to gettin out the same message: prevent violative residues.

Penn State has distributed the brochure "Sulfa Residue Problems in Calves" to dairy farmers in the state. This publication discusses the problem of residues in week-old calves that go directly to slaughter. Extension specialists at the university hope to soon reach most of the state's 15,000 dairy farmers through distribution of the brochure by county extension agents.

The six-page brochure addresses sulfa medication for calves, public health concerns about sulfa residues, farm management practices that create residue problems and new tests to detect sulfa residues. It also lists management practices that help farmers avoid violative residues.

FSIS plans to distribute the brochure nationwide this fall.

Copies of the brochure may be obtained by writing to: Dr. Larry Hutchinson, Extension Veterinarian, 115 Animal Industries, The Pennsylvania State University, University Park, PA 16802.

Greenhouse manuals available

UNIVERSITY PARK — Jim Mackereth, vice-president of the Penn State chapter of Collegiate Future Farmers of America and a junior in Agricultural Education goes right to the source. He is talking to the author, Processor Richard F. Stinson about new information in the recently published, revised student and teachers manuals of Greenhouse Crop Production. The new editions promote the latest technology and practices for efficient greenhouse management.

"Greenhouse systems are more complicated and very different from what they were in the late 1960's when the original manuals were published," says Stinson, Penn State Professor of agricultural education and horticulture. "Fuel costs, light systems, atmospheric gases, plant culture, temperature and air circulation are among the subjects that contain new materials in the revised editions."

Visiting Penn State greenhouse are Jim Mackereth, vice president of collegiate FFA chapter, and Richard F. Stinson, author of greenhouse manual.

The manuals are part of a series in horticulture education. They and other titles in agricultural education were developed to provide low cost instructional materials to Pennsylvania's 14,000 high school vocational agricultural students. The materials are available to the public and are used in high schools, community colleges and unversities throughout the country.

To order Greenhouse Crop Production, revised, contact: Instructional Materials Service, Department of Agricultural and Extension Education, The Pennsylvania State University, 2 Armsby Building, University Park, PA 16802. The cost is $7.00 for the student manual and $10.00 for the teacher's. You also may ask for a free copy of the 1984-85 Instructional Material Catalog for information about other titles in the program.

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Hallowell addresses Penn State's College of Ag

By Dawn Lavely

UNIVERSITY PARK — Recently, Pennsylvania Secretary of Agriculture Penrose Hallowell spoke at a coffeehouse sponsored by the College of Agriculture's student council on Penn State's University Park Campus.

Addressing "Pennsylvania agriculture – The Present, The Future," Secretary Hallowell stressed the importance of knowing "where we are" before planning for the future. Besides appreciation for the importance of agriculture in Pennsylvania today, Hallowell said an understanding of timely problems, such as this summer's drought, is essential for strategic planning.

The secretary also pointed out political effects which contribute to agricultural business conditions, citing foreign trade barriers and regulations. In addition, he noted the economic pressures which must be considered when evaluating Pennsylvanian agriculture.

Hallowell continued by stressing the important need for increased communication to enhance public awareness and interest in the state's agricultural businesses.

In closing remarks, Secretary Hallowell delegated the future responsibility for the success of Pennsylvania agriculture to the agricultural community itself. He challenged the state's farmers to continue to develop new and improved farming techniques and the agricultural business community to better serve the state's farmers.

Haliowell also commended the state's universities and agricultural students for their continuous research and development which make possible future advancements in Pennsylvania agriculture.

Pennsylvania Secretary of Agriculture Penrose Hallowell addresses Penn State ag students on the topic, "Pennsylvania Agriculture -- The Present, The Future."

National Brown Swiss delegates convene in Lancaster

LANCASTER — Pennsylvania Brown Swiss breeders are busy planning the final details of the 103rd Annual Convention of the National Brown Swiss Association, November 9-12. Brown Swiss breeders from across the country will take part in the three day convention headquartered at the Host Farm, east of Lancaster.

Hosting Pennsylvania Brown Swiss breeders are encouraging delegates to visit their farms and inspect their herds.

Convention activities get under way the evening of Wednesday, November 9, with a "Get Together." Thursday's schedule is jam packed with interesting activities, including a buffet breakfast, and wok cooking demonstration for the ladies. Three seminars on Thursday will deal with "Good Flavor Sells More Milk," "Farm Use of the Computer," and "Marketing Dairy Products."

Jim Crowley of the University of Wisconsin is the featured speaker at the Annual Meeting Luncheon.

A fun auction to benefit the youth fund will take place after the dinner hour. Evening entertainment will be provided by humorist Jakey Budderschimp, followed by square dancing.

Tours of Sperry New Holland and Intercourse are scheduled for Friday. Friday evening the Pennsylvania Association will treat delegates to a dinner theater.

The Pennsylvania National Sale will wind up the convention on Saturday. The Sale will take place at the Lebanon Fairground beginning at 11 a.m. and will feature 50 quality controlled Swiss for those who seek the best.

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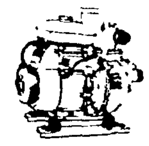

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Grange holds successful sale

HARRISBURG — A "very encouraging and successful" Average Plus Production Heifer Sale sponsored by the Pennsylvania State Grange October 14 in Lancaster, will benefit milk promotion in Pennsylvania, according to State Grange Master Charles Wismer, Jr.

The State Grange agreed to donate all of its net profits from the sale to a milk promotion effort. The sale was held at the Melvin Kolb Sales Barn off Rt. 283 in Lancaster and featured 57 head of consigned cattle including top quality registered Holsteins from such outstanding herds as Keystone Farms in Northampton County, Mapoval Farms, Inc. in Bradford County, and Richard Troutman and Son in Berks County.

According to Sales Manager Everett Kreider, 49 Holsteins were sold last Friday with the top selling cow auctioned at an unprecedented Grange sale yield of $4,025. The Holstein, Valiant Daughter, a due two-year-old, was consigned by Melvin Kolb of Lancaster. She was purchased by Loren Engelbrecht, Waterloo, Iowa. Miss Engelbrecht and her sister Dianna were the top buyers of the sale purchasing a total of 13 head. Other high sellers included two red-and-white Holsteins for $2,000 each consigned by Kenneth Myers of Elizabethtown; and four baby calves that took $1,000 each. The total proceeds amount to approximately $48,000. "I was very pleased with the results of the sale, especially considering the economic situation," Kreider commented.

Net proceeds from the sale are estimated to be $1500.

"We plan to put the net proceeds in milk promotion where it can best be utilized," Master Wismer said. The Grange's Cattle Sale Committee is meeting to plan exactly how the money should be directed. The proceeds are expected to go towards local promotion efforts in cooperation with restaurants and fast food places across the state, according to Wismer.

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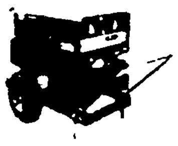

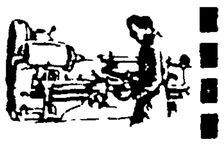

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Farm Talk

by

Jerry Webb

Delaware Extension

Roadside markets offer tremendous potential to area farmers and consumers. But I'm afraid much of the potential is being lost. As a result, consumers pay more for fruits and vegetables that are less than farm fresh and farmers wind up wholesaling produce that could have gone directly to consumers.

The roadside market scene in this area is a mixed bag, and because of that consumers aren't spending nearly what they might. Consider my own experience. I had occasion to be in downstate Delaware and wanted to offer some of Delaware's fine fresh produce to my visiting relatives from England. Delicious sweet corn, red ripe tomatoes and one of those big juicy watermelons. The perfect midsummer additions to an otherwise excellent meal. And so I stopped at one of those nice little roadside stands that seems to be run by a farmer and would therefore be offering fresh farm produce. I bought the best watermelon they had — accordiong to the saleslady — the most expensive tomatoes and a dozen good ears of corn.

The prices were okay, not any tremendous bargains, but I anticipated that the prices would be secondary to the taste. I wasn't really bargain shopping, I wanted good produce. Well, at the risk of sounding like a restaurant critic, I must say the sweet corn had excellent taste, but the ears were small and not filled out very well on the smaller end. The tomatoes were overripe, soft and tasteless. And the watermelon was a disaster. It was obviously overripe, dry and mushy inside, and was deemed unfit to serve.

So much for eight bucks worth of fresh farm produce. I couldn't have done any worse picking a supermarket at random and taking what they had to offer. At least I could have returned the produce without making a 40-mile drive.

Herein lies the nub of the problem when it comes to getting farmers and consumers together at a roadside stand. First of all, the shopper must make a special trip, sometimes several miles from home. Then there's the matter of quality. How can the buyer know if the watermelon is in proper condition? That the ears of corn don't have any worms, and that the tomatoes are fresh? What good is a guarantee when the stand is many miles from home?

Roadside stands have the potential of offering farm-fresh produce of the highest possible quality directly to the consumer. That means eliminating all those middlemen and all of the quality-damaging delays required through the usual market channels. Consumers know that and so they anticipate better than supermarket quality and less than supermarket prices — two options that are certainly within the realm of possibility. After all, why shouldn't a farmer be able to sell high quality produce directly to the consumer at a little better price than what would be found in the grocery store? I don't think consumers expect great bargains, but they do want the prices to be a little less and certainly the quality to be the very best.

A friend of mine who runs a roadside stand in Pennsylvania does quite well in an out-of-the-way location because he and his family guard the quality of their produce very carefully. The sweet corn is picked each morning bright and early and all that doesn't sell is discarded. Everything that's sold comes off the farm, or in the case of ice cream, honey and potatoes, it's made quite clear that they weren't produced on that farm. But even then assurances of quality are there. A money back guarantee is not really worth much to the consumer who goes to that particular roadside stand. It's probably 10 miles from the nearest town on a secondary road that goes to nowhere. The homemaker who stops for sweet corn and tomatoes goes considerably out of her way to get there. To have to repeat the trip just to get her money back would be an imposition, and in fact would probably mean the end of her shopping expeditions.

Many roadside markets operate the same way. Their owners know that farm-fresh quality is what they really have to sell. And so they guard that reputation very carefully. But other stands are less concerned with quality and repeat business, being content to get what they can while the customer is in the store and let tomorrow take care of itself.

I'm firmly convinced that the old merchandising adage "let the buyer beware" will not work in roadside marketing. There are other alternatives. A consumer who spends six or seven months a year buying produce in a supermarket doesn't have to shop the roadside markets; and probably won't unless to encouraged by price, quality, convenience, or some other strong incentive. I also suspect that one bad roadside marketing experience is enough for many consumers so that they turn away from all roadside stands. By the same token, a positive experience opens up the opportunity for other roadside stands.

This mutually beneficial strategy brings me to this point: Delaware needs a roadside marketing certification program that assures consumers that those participating farmers are selling homegrown produce that is guaranteed fresh. That the market operators subscribe to a code of ethics and that they are certified by a regulatory agency as to merchandising standards. A properly designed certification emblem could then serve as an advertising device that would assure shoppers that a stand displaying the certification sign would be up to par when it comes to quality, cleanliness, fair merchandising practices, and so on.

There is tremendous potential in roadisde marketing. Hundreds of thousands of consumers who would spend large sums of money for the bountiful produce of agriculture.

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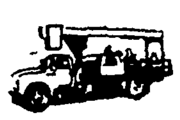

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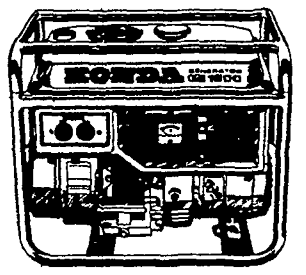

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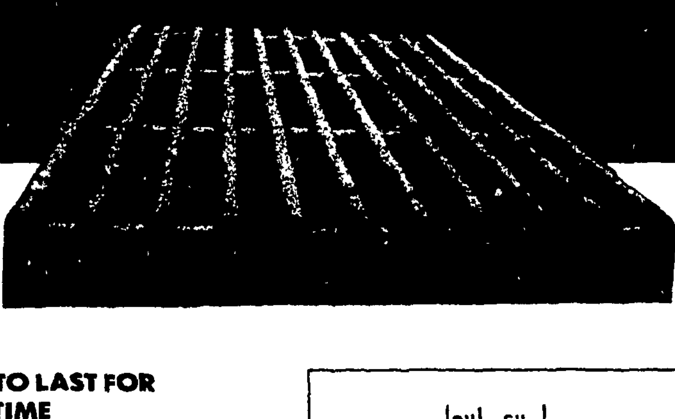

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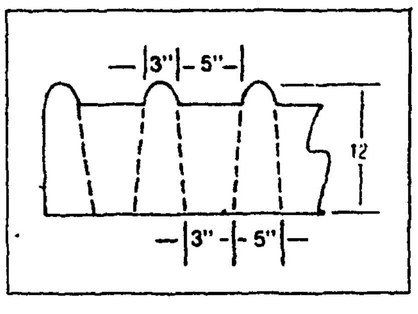

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Penn State's 5-wire fence controls deer

UNIVERSITY PARK — Wildlife managers at Penn State have developed a practical and economical way to control crop damage from deer. Their method uses the Penn State 5-wire electric fence — tested by farmers, foresters, orchard owners, and tree nursery operators.

Design of the fence is based on deer behavior. Deer usually try to go under or through a fence instead of jumping it, says John L. George, professor emeritus of wildlife management at Penn State.

"Deer get a high voltage shock when they try to penetrate the 5-wire fence," George said. "This changes their behavior and thereafter they generally avoid the fence."

George and associates William L. Palmer and Robert G. Wingard described their findings in a recent report from the College of Agriculture at Penn State.

The Penn Staters found that wire spacing and shape or configuration of the 5-wire fence are important. The bottom wire should be kept about 10 inches from the ground with the other wires spaced at 12-inch intervals — making the fence about 58 inches high.

The design features high-tension wire, based on technology developed in Australia and New Zealand to control sheep, cattle, and horses.

Components, configuration, and construction differ from other electric fences. The key materials are high-tension, smooth steel wire; special accessories to maintain 250 pounds wire tension, smooth steel wire; special accessories to maintain 250 pounds wire tension; and high voltage, low-impedance energizes. The design was selected by the Penn Staters after testing many different fencing systems for cost and effectiveness.

How well does it work? After losing 90 percent of his Christmas trees to deer following three plantings, a grower fenced his plot with the Penn State 5-wire. The deer did not penetrate the fence.

Growers of high value crops were positive: "There is no question but that the 5-wire fence is cost effective. For tomato fields we did not fence, we lost one-third to one-half of our crop — but there were no losses on the fenced fields."

An orchardist who erected the fence commented, "Since fencing our orchard, potential fruit buds have not been disturbed on limbs within browsing range."

Another orchard owner installed a long drift fence to modify deer movement — 5,000 feet long. He concluded, "With a fence eight years earlier, we could have increased our income by $40,000 while investing only $10,000 in production costs."

Penn State's largest test area for the 5-wire electric fence is a 120 acre section of the Rock Springs Agricultural Research Center about 10 miles southwest of the campus. The superintendent of one area commented that "our research would be impossible without the deer fence."

Early deer fencing experiments at Rock Springs usually ended in failure — the deer got through. This occurred despite the use of an expensive 8-foot woven wire fence. Deer penetrated the fence anywhere there was a slight irregularity in the land where 18 inches allowed deer to crawl through. Deep, well-worn deer trails led to these gaps.

Owners of the Penn State 5-wire fence emphasize the important of proper initial construction and good maintenance. Straight lines also help ease maintenance practices such as mowing or spraying to control weeds.

"High tension wire fences must be built with strong corners to keep wires tight," Dr.George commented. "The pull of five wires about 1,250 pounds, may catapult insecure posts not in line or low in spots."

Large variations exist in costs of labor and construction for the 5-wire fence. Some growers erect the fence themselves, it was noted. Other landowners rely on contractors. Costs are affected by site preparation, terrain, ease of driving posts, and skill in building fences.

The Penn Staters give two examples of complete costs for materials and labor. In 1980, a contractor erected 12,700 feet of fence around 120 acres, with numerous gates and irregularities, for $7,400. That's about 58 cents a linear foot, including energizer and gates.

In 1982, a 5,000 foot fence with gates, energizer, and odd angles and bends was contracted for $4,750 — about 95 cents per linear feet. And the U.S. Forest Service had a fence constructed for 60 cents per linear foot.

"Thus, we feel that 60 cents to $1.00 per linear foot are reasonable estimates of costs, including materials and labor," George stated.

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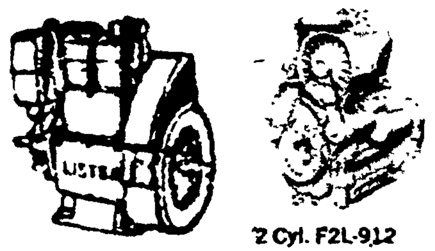

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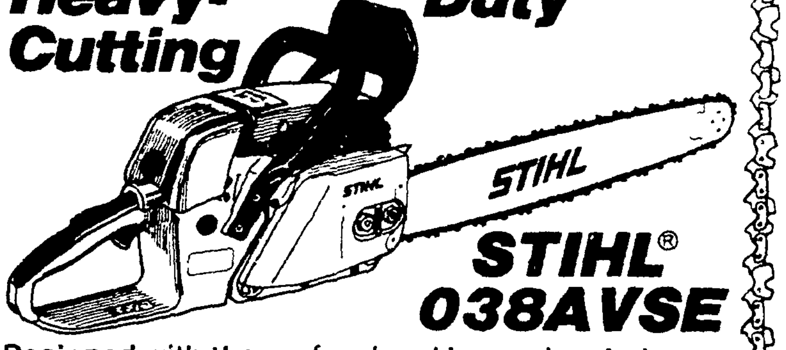

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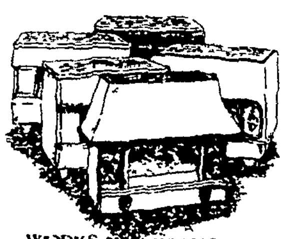

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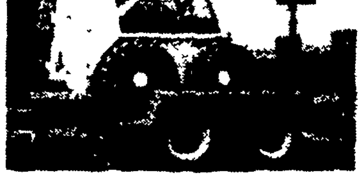

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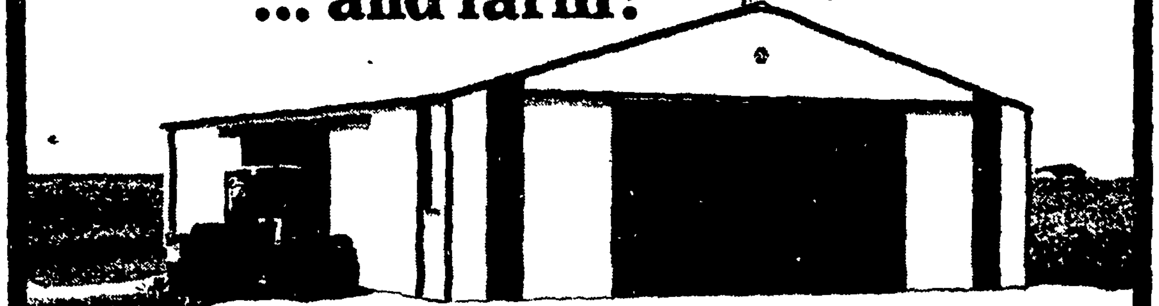

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Colorless alga can cause mastitis

WASHINGTON, D.C. — A green alga that lost its color and turned off the main road of evolution into a blind alley now barely survives in water, but it thrives in sewage, animal wastes and tree-wound drainage and can infect man and animals, especially cows.

Prototheca, a colorless alga often mistaken as a yeast and sometimes suggested as a missing link between the green algae and the fungi, can cause mastitis in dairy cows. The first case recognized in Iowa was reported in February 1983 by John S. McDonald, veterinary medical officer, John L. Richard, microbiologist, and Norman F. Cheville, pathologist, at the National Animal Disease Center, Ames, Iowa.

They studied this natural case for 12 weeks. They produced mastitis in two additional cows and studied: Effects on the cows, release of algal cells from mammary glands and spread of infection to other tissues. McDonald also determined that this colorless alga survives only 15 seconds in milk at 143 degrees, Fahrenheit, the temperature of pasteurization.

Green algae live in water, from ponds to oceans, and in moist places on land. They are textbook examples of "plants having a green pigment, chlorophyll, which functions in photosynthesis." Without chlorophyll and incapable of photosynthesis, Prothotheca requires nourishment from outside sources. McDonald says, "It is the only alga known to cause disease in mammals."

Mastitis is the most costly animal disease in U.S. agriculture, he says. It is caused by bacteria, usually Staphylococci but also Streptococci and colon bacilli, by yeasts and by other microorganisms.

Prototheca "contributes to the importance of the problem," says the mastitis research leader. "It is resistant to nearly all the common antibiotic and antimycotic agents. Once a cow gets mastitis due to Prototheca, there's only one thing to do. Cull and send her to slaughter because presently there's no effective treatment."

The Disease Center scientists tested 25 antimicrobial agents on laboratory cultures of 48 Prototheca strains. All strains resisted 19 agents, and only 2 agents demonstrated activity against all strains of the alga.

"Even if therapy would eradicate infection," McDonald says, "extensive damage to the mammary gland, as we observed in our studies, would reduce milk production so much that the previously infected animal would no longer be profitable for the dairy farmer."

The alga is "either causing more mastitis or being identified more frequently," McDonald says. "I think we may be getting a build up of this organism. We're handling many more cows in much less space. Prototheca may be one of these organisms that can build up where there is a high population of animals. It's a moisture-loving organism. It survives well in wet or damp areas and in feces. I think this is the reason we are seeing more and more cases."

Reports of mastitis caused by Prototheca in New York increased from the first case in 1974 to more than 400 in 1982. "Since 1978," McDonald says, "numerous isolations also have been made from infected dairy cows in California, Minnesota and Wisconsin. Some owners have lost half their herds in culling to eliminate Prototheca.

"If we had been trying to diagnose the cause of mastitis in the past, we might have seen more Prototheca infection. Diagnostic laboratories have a category for unknown yeasts, 'Not Candida'. Most veterinary diagnostic laboratories probably would call Prototheca mastitis a yeast infection, and that would be it." Cows with mastitis caused by "unknown yeasts" commonly are culled and the investigation ends, McDonald explains.

Mastitis caused by Prototheca was detected and first reported in Germany, 1952, England, 1955, South Africa, 1968, United States (Wooster, Ohio) 1969 and Denmark, 1978. McDonald says the first Canadian report, 1979, was delayed 3 years because Prototheca had been identified as a Cryptococcus yeast after causing confusion in milk and blood tests for brucellosis.

"Unknown yeast" is a specific category in human as well as veterinary diagnostic laboratories, Richard says. Prototheca infecting a wound in a diabetic patient, reported in 1975 by a San Francisco hospital, was first thought to be a yeast-like fungus.

Perhaps 20 cases of Prototheca in humans, skin infections or infections secondary to other disease, have been reported since the colorless alga was isolated in 1894. Richard says no Prototheca infections in humans have been related to drinking milk or handling infected dairy cows. At least one human case recently yielded to treatment with an antibiotic, amphotericin B. Infected skin usually is removed surgically

Prototheca infections in dogs, cats, deer, beaver, fruit bats and laboratory animals have been reported. Richard says the colorless alga has been found on potato skin and in tropical fish, salmon, clams, crabs and shrimp

Most microbiologists consider Prothotheca a genus of green algae that lost its chlorophyll and ability to photosynthesize carbohydrates They consider it a mutant of the Chlorella genus "It appears identical to Chlorella," Richard says, "except it does not have chlorophyll. It looks like a yeast on the plate especially to the diagnostic microbiologist who hasn't seen it before

"To me it looks different, not smooth and creamy" It diffuses light, he explains. "It has a ground glass appearance — but it looks like Chlorella without chlorophyll."

A number of microbiologists classify the colorless cells closer to the fungi, which include the yeasts, then to the green algae, Richard says. Some scientists propose that Prototheca and Chlorella evolved along parallel paths with Prototheca between the algae and the fungi.

Richard notes that some phylogeneticists assume that higher plants as well as the fungi evolved from green algae or along similar lines and the algae evolved

(Turn to Page D28)

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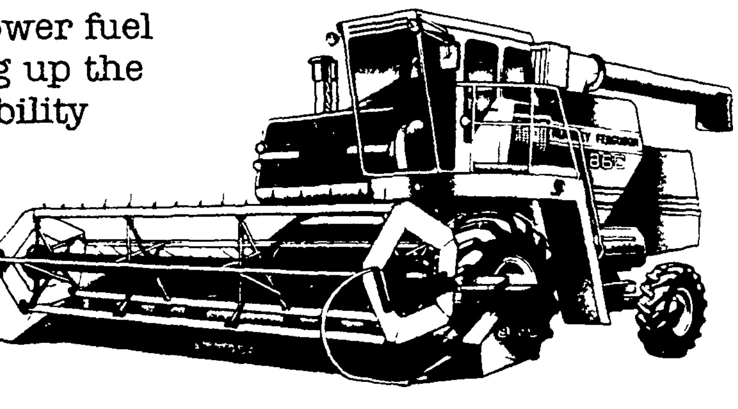

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Colorless alga

(Continued from Page D27)

from more primitive life that had chlorophyll and photosynthetic ability. This idea puts the algae with their chlorophyll at a "significant interchange, more than just a fork in the road," but he doubts that this alga without chlorophyll is in the lane leading from the green algae to the fungi.

"I am looking at Prototheca as a definite lateral branch off the algae road, and it originated near the Chlorella fork. I am mos happy viewing it as a natural mutant of Chlorella.

"There have been observations of other achloric Chlorella, and this condition can be induced by x-ray. Furthermore, Prototheca and Chlorella have some common antigens as well as some different antigens." Antigens are substances, in the alga in this instance, that cause the body of an infected animal to produce antibodies. Antibodies combine with antigens and may neutralize the effects of the invading or foreign organism.

Prototheca reproduces asexually. "Each cell is destined to become a mother cell or sporangium," Richard says. The nucleus divides into four daughter cells. "The mother cell ruptures and the daughter cells go out, grow and become mother cells." The mother cells are much like vegetative yeast cells, but some yeasts have distnict sexual and asexual phases.

Richard identified Prototheca zopfii as the organism McDonald isolated from the cow an Iowa dairyman culled from his herd because she had mastitis that would not yield to treatment. "Whenever we find a yeast," McDonald says, "and I thought this was a yeast, I send it to John." (Richard.) "I couldn't do a study like this by myself. The interactions of a microbiologist, a pathologist and a veterinarian made this study possible."

They found that both naturally and experimentally infected cows had normal temperatures and appetites. Mastitis was mild. Infected quarters yielded watery secretions and clots, produced less milk than uninfected glands and remained firmer after milking. Richard recoverd Prototheca cells from milk samples from infected quarters.

At postmortem, Cheville found rough, inflamed tissues in infected glands and normal tissues in other organs. Some algal cells found in the infected tissues appeared to lack nuclei and cytoplasm. Cheville says that both "empty cells" and intact cells were within

(Turn to Page D29)

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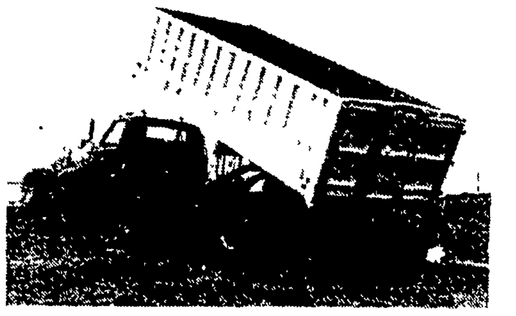

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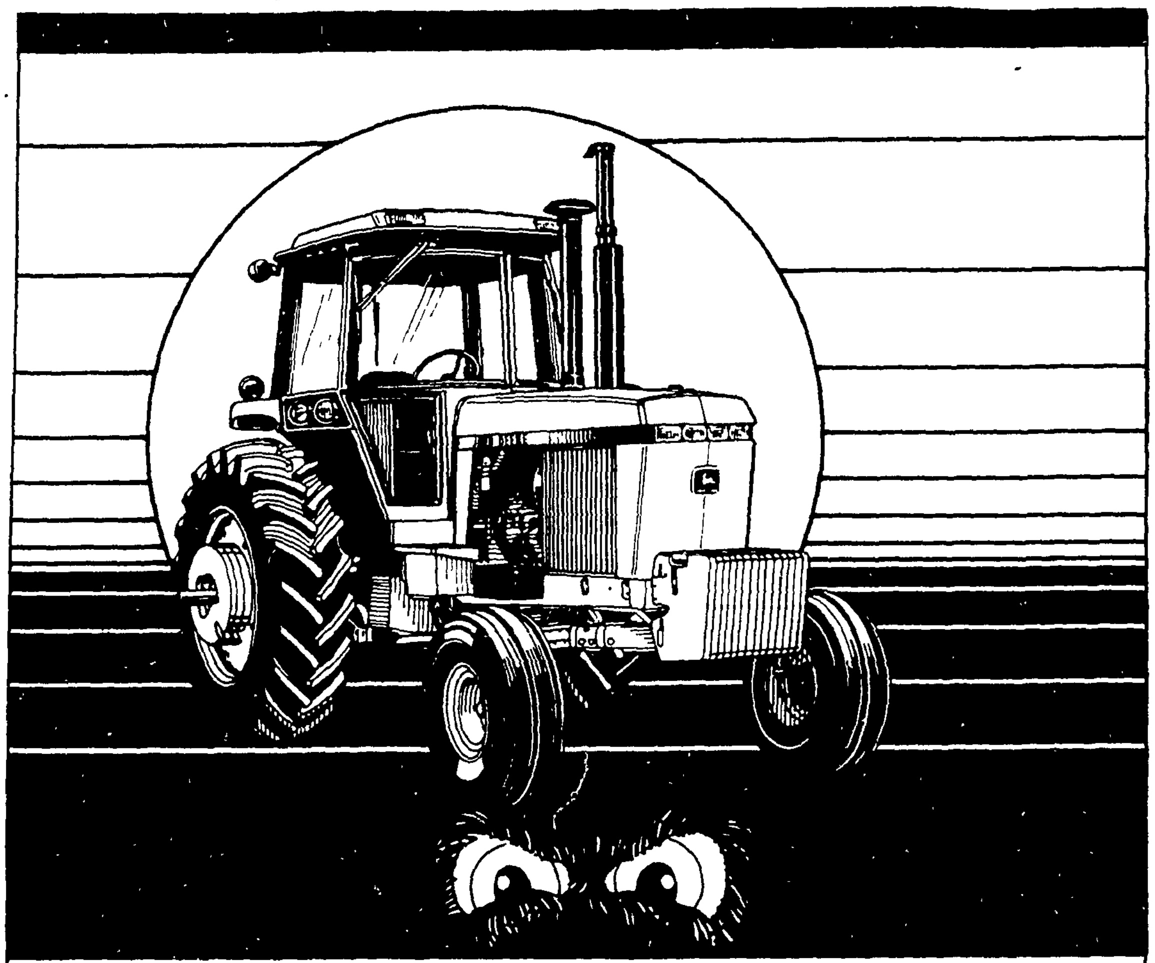

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Colorless alga

(Continued from Page D28)

macrophages. Macrophages are cells, produced by the cow in this instance, that engulf foreign materials such as the algal cells to protect the cow.

It appears, however, that Prototheca reproduced within the macrophages. Richard says the macrophage and the alga's own sporopollenin wall "may protect it from more potent body defense and antimicrobial agents."

When the Ohio mastitis case was reported in 1969, Richard prepared a Prototheca mastitis packet based on a literature review and discussions with Lynferd J. Wickerham, then yeast taxonomist at the Northern Regional Research Center, Peoria. Wickerham identified Prototheca that Norma Frank of the Ohio Agricultural Research and Development Center isolated from cows in a herd near Wooster. About a third of the 100-cow herd was sent to slaughter to eliminate the colorless alga.

ARS Culture Collection records at the Northern Center show that Wickerham, now retired, isolated Prototheca from a mulberry tree in Peoria, 1948, a fallen tree near Ontario, Canada, 1956, a lavatory drain, Peoria, 1957, and an elm tree, Amhurst, Mass., 1963. Japanese scientists, routinely receiving Wickerham's Prototheca isolates for classification studies, identified the drain pipe alga as a new species and named it P. wickerhamii.

Although as many as 12 Prototheca species have been named, only 3 are recognized now, and R. Scott Pore, microbiologist in the West Virginia University School of Medicine, questions the validity of one species. He says the valid species, P. zopfii and P. wickerhamii, are implicated in human and animal infections.

Nine years before receiving the Wooster mastitis isolates through the Ohio Department of Health, 1968, the Culture Collection received a Prototheca isolated from a cow with mastitis in Florida, 1959. Edward M. Ellis, then at the University of Georgia Coastal Plain Experiment Station, isolated the organism and sent it to Wickerham for identification. In 1969, Ellis, then at the Disease Center, told Richard that since infection by Prototheca was not established as the cause of the mastitis, it had not been reported.

McDonald says cattle can carry Prototheca in the intestinal tract without having mastitis. "It apparently does not always cause diarrhea or disease in the intestinal tract," he says, "but it contaminates the environment where the cows are held."

Pore confirms this environment-host-environment cycle. He says Prototheca species are everywhere in raw and treated sewage, animal waste and tree wound drainage. They may contaminate water and food, be swallowed and excreted, completing the cycle. With scientists of BioSystems Research, Monsanto and the U.S. Environmental Protection Agency, he reported the first study of Prototheca ecology in Mycopathologia early this year.

Prototheca cells pass through the intestinal tracts of humans and animals without multiplying or injuring the host, Pore says. "There are no reported instances of communicability," he adds. "One must assume that infections are of environmental origin." He credits the cell wall sporopollenin, an organic polymer resistant to degradation, with protecting the alga against digestion.

Once they enter a plumbing system, Prototheca cells apparently multiply. They appear in large numbers in sewage, and some escape most treatment methods. "No method except (sludge) incineration completely eradicates Protetheca," Pore says.

In the ecology studies, Prototheca cells did not maintain their population level when added to streams. Even polluted water did not support a high population. "Organic pollution is the key," Pore says. "Prototheca cells could be prime candidates as sewage indicator organisms along with fecal bacteria "

Holstein banquet slated

LANCASTER — Reserve November 8 for the 33rd annual banquet of the Lancaster County Holstein Association. It will be held at Historic Strasburg, and tickets for the family-style meal will be $7.50 each. Ticket deadline is November 1, and they can be purchased from any of the names listed below.

Newton Bair, retired Lebanon County Agent, will present a slide program on his recent trip to Europe, focusing primarily on agriculture. Production awards will also be presented, and it offers a good opportunity to meet with fellow dairymen.

Three directors will be elected during the meeting to fulfill three year terms. Nominated are: Glenn Burkholder, Washington Boro; Rick Hess, Strasburg: Jere Skiles, Narvon; Paul Welk, Peach Bottom; Lamar Witmer, Manheim; and Marvin Witmer, Lititz. The terms of Dale Peifer, Joe Wivell and Lamar Witmer are expiring. Additional nominations will be accepted from the floor.

Banquet committee members are Galen Crouse, chairman, Jim Hershey and Donald Risser. Call any one of them with questions. Get your tickets by November 1.

OCTOBER 15 is the deadline for applications for animals eligible for the production awards. Application blanks were mailed with the July newsletter, along with details about the program. Chairman for the awards is Elam Bollinger (898-7895), so call him immediately if you would like to enter an animals in this year's program.

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Farm toys - they're not kid's stuff

BY DICK ANGLESTEIN

INTERCOURSE — If you think farm toys are for kids, you should have been in Lancaster County last weekend.

Farm toy collector, David L. Nolt, of Paradise, held a show and sale at the Harvest Drive Restaurant and the hectic bidding at the sale and avid interest at the show illustrates how these pint-size versions of tractors and other implements have caught on as collectibles.

The Friday night sale stretched on for six hours from 7 p.m. to 1 a.m. and grossed $17,548. Why that's more than some real equipment brings at regular farm auctions.

There were over 40 consignors to the sale and nearly 200 registered buyers who kept auctioneers Robert and Jeffrey Martin busy during the six-hour sale.

Top single price was $420.00 for a toy "Co-op" Model E-3 tractor still in its original box.

At the Saturday Show, collectors competed for prizes for the best displays of farm toys.

Top winner was Russ Weidman, of Bernville, "The Table Top Farmer," who displayed farm toys from the 1940's, 50's and 60's.

Second-place went to Dalton Biehl, of Kutztown, with his IH display.

Third-place award winner was Paul Lloyd, of Upperco, Md., with his Deere toys.

And not all of the exhibitors are farmers, ex-farm kids or retired farmers.

Philip Buskirk, of Mt. Crawford, Va., a used car dealer, has devoted some 100 hours to the building of a John Deere self-propelled Super Chopper.

"First, I went to a dealer and got the name of a farmer who had one," he explains.

"I spent a whole day on the farm, measuring the various parts and components."

The big green and yellow Super Chopper is built of plexiglass to a one-sixteenth scale.

Buskirk has been offered up to $700.00 for the model and plans to sell it at the upcoming national toy show. By that time, he'll also have a matching forage wagon to go with it.

"Then I want to get started on another one," he says.

"But this one will have such things as a working steering mechanism."

In addition to the collector displays at the show, some 30 dealers offered old and new collectable farm toys and trucks. They came from as far as Michigan, Florida and New Hampshire.

Present at the show were Ray Crilley and Charles Burkholder, authors of the book, "Collecting Model Farm Toys of the World."

Making its debut at the show was a new collecting book by Nolt, "New Holland and New Idea Toys and Collectibles." It includes more than 50 pages of photos, facts and suggested values of these types of items.

(Turn to Page D31)

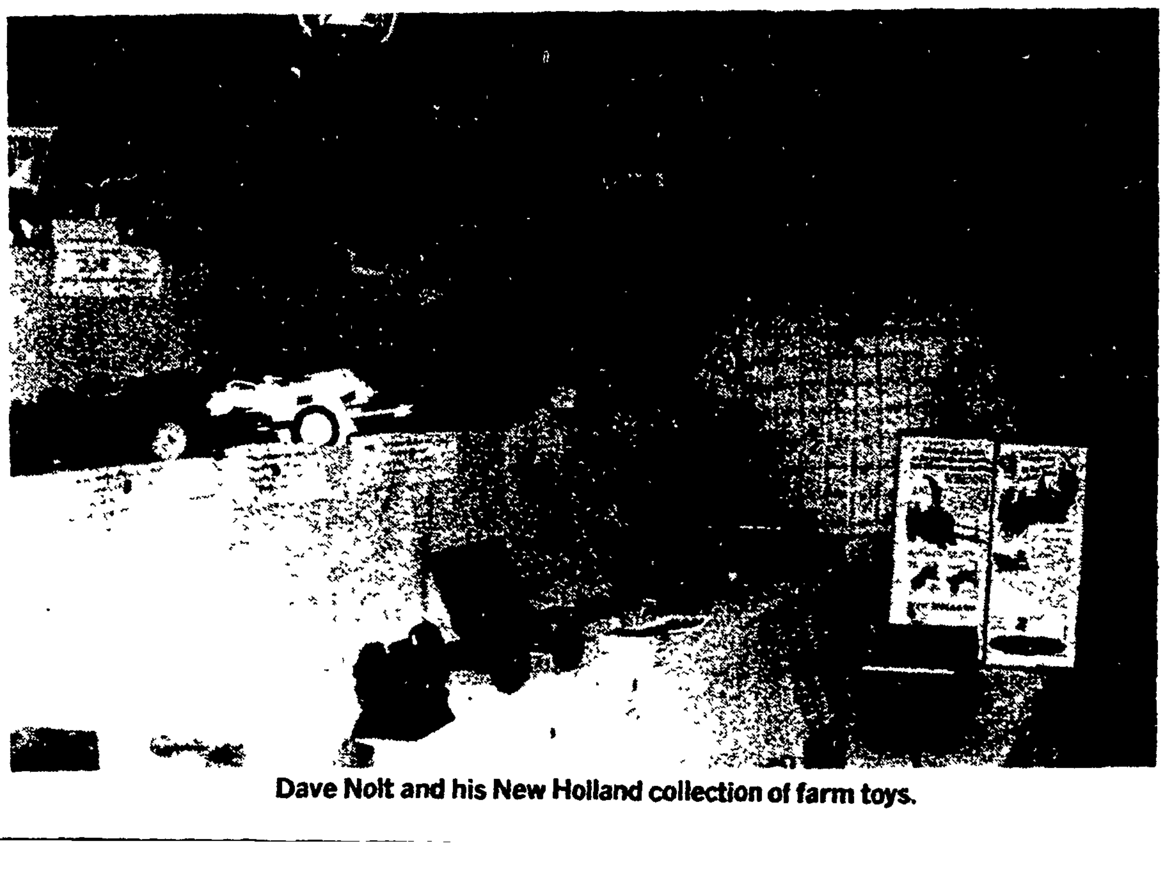
Bradley Biehl, son of collectors Mr. and Mrs. Dalton Biehl, R1 Kutztown, celebrates fourth birthday at show.

Ervin Weaver, of Adamstown Equipment, and his Deere collection.

Scale Models

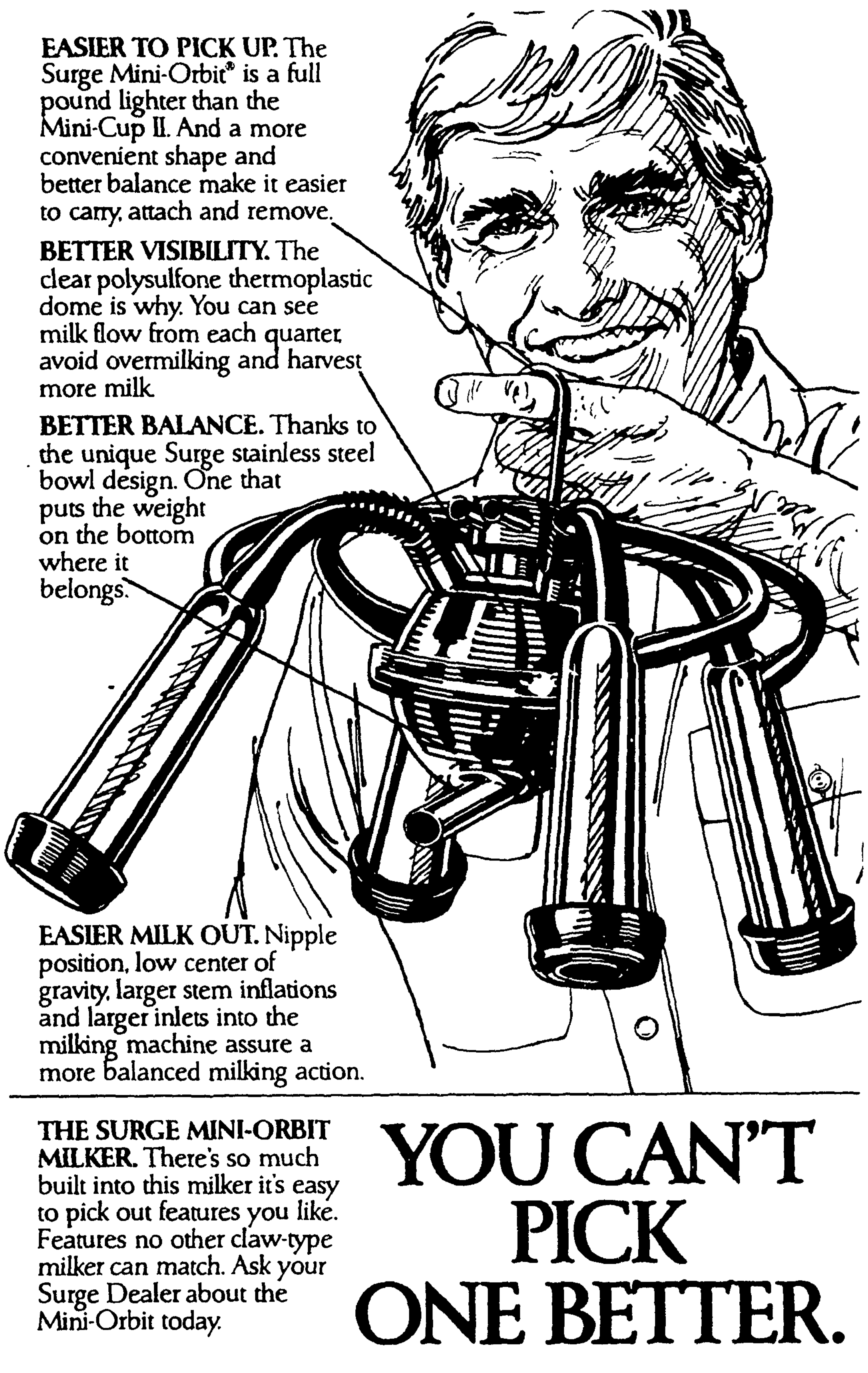
Tractor galore -- all in miniature.

Table-Top Farmer Russ Weidman and his prize-winning collection.



Dave Nolt and his New Holland collection of farm toys.

PICK IT APART.



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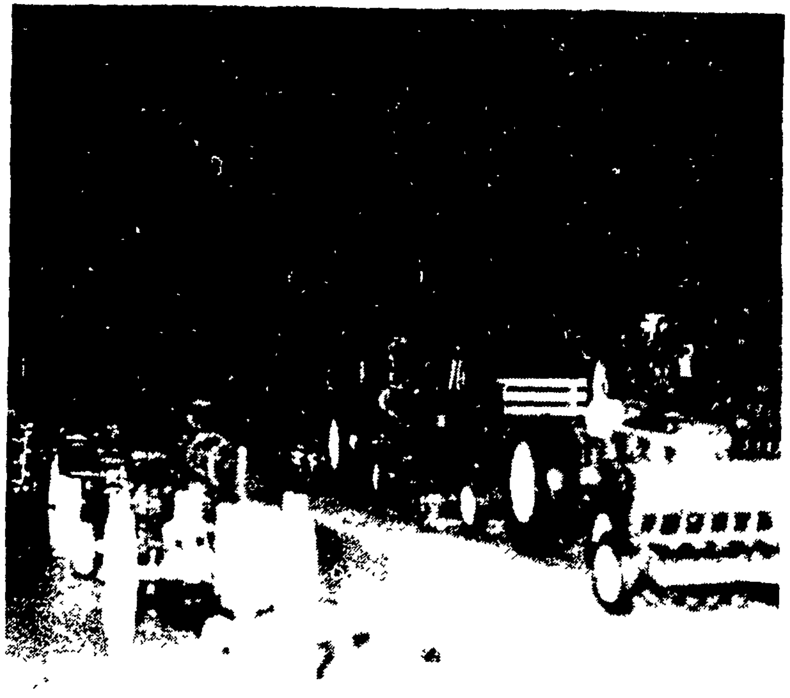
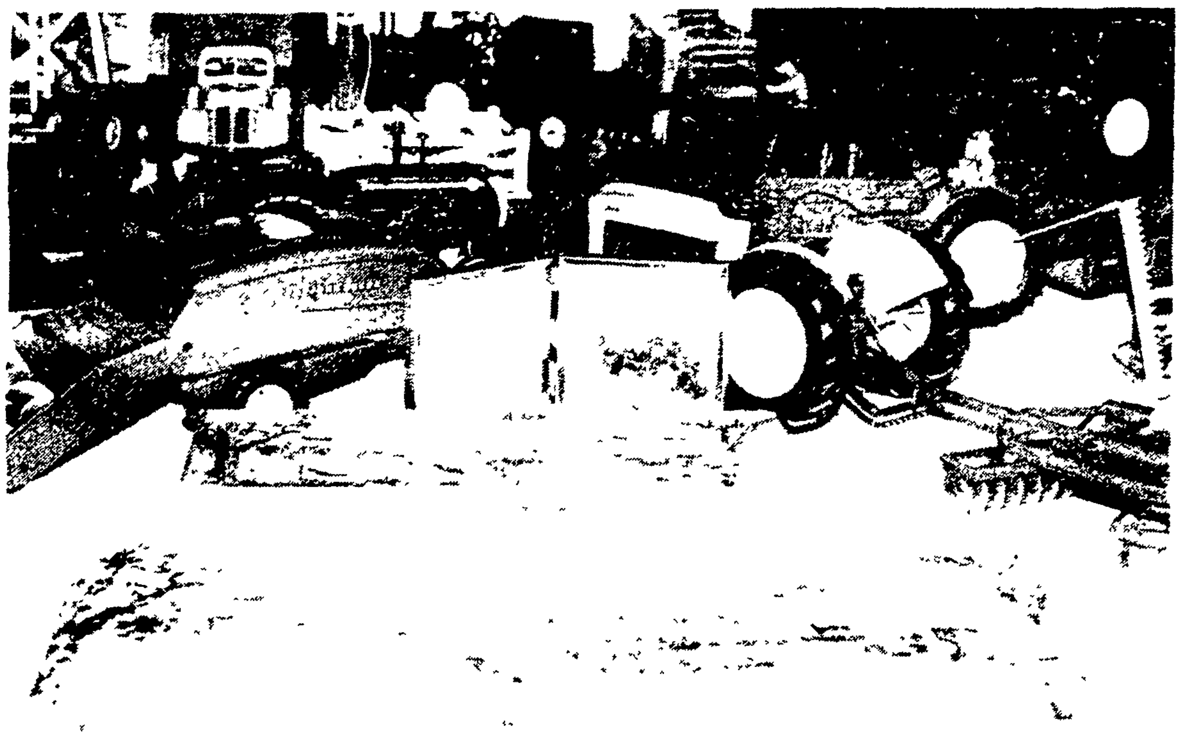


John Deere collection of Paul Lloyd.



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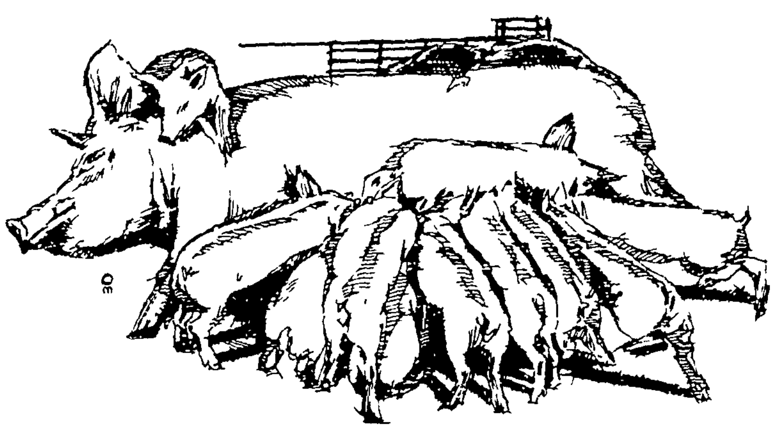
Farm toys

(Continued from Page D30)

In addition to the 350 persons at the show, some 75 attended the Farm Toy Collectors Banquet on Saturday night.

Speaker was Ray Crilley, of Erie, a pioneer in farm toy collecting and publisher of a monthly magazine for collectors.

Anyone interested in more infortmation· about farm toy collecting may contact Dave Nolt, 57 Harristown Rd., Paradise, Pa. 17562.



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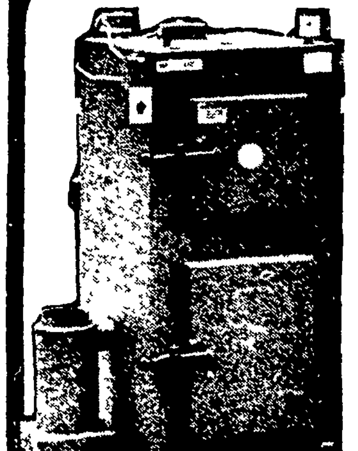

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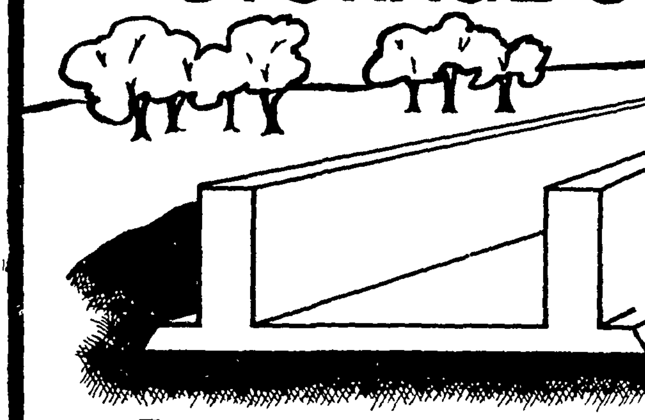

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Plastic bags offer storage alternative

UNIVERSITY PARK — Huge high-strength plastic bags could make conventional silos obsolete for some farmers.

Using large "aggie baggies" to store grass and alfalfa silage for animal feed is an energy-, time- and cost-saving method currently under study at Penn State.

Agricultural engineers at Penn State say that storing silage in plastic bags could also result in a higher quality livestock feed than hay.

They recommend the "aggie-baggie" method especially for small or part-time farmers.

Penn State has been experimenting with the technique for two years, and the bags already can be spotted throughout Pennsylvania's farming regions.

"This is an energy-conserving harvesting alternative," says William Kjelgaard, associate professor of agricultural engineering. "It's not practical for large farms, but it can be adapted for small or part-time livestock farmers or as an emergency feed recovery for large farms."

With the bags, farmers create an oxygen-free environment for storing silage, explains James W. Garthe, Penn State extension agricultural engineer.

"You can store feed indefinitely if the bag is totally airtight," says Mr. Garthe. "The beauty of the baggies for small farming operations is that you can bale the green crop quicker, sooner, and avoid the high capital costs of silos."

The bags help farmers conserve energy by eliminating the machine power required to fill and unload the silo, he says.

Also, the farmers use less energy because they need to operate only one baler for the bag method, as opposed to several pieces of equipment needed for conventional harvesting techniques, Garthe adds.

The average plastic bag used for storing silage is about four to five feet in diameter, 10 to 12 feet in length, and has a maximum capacity for holding one ton of hay

The method was first developed in Manitoba, Canada, Professor Kjelgaard says. Penn State's research includes determining how much time it takes to adequately ferment the silage for feeding, as well as treating it with chemicals to enhance the feed quality.

Average storage time before the silage can be used as feed ranges from one to six months, says Professor Kjelgaard. "Often, the sooner the material is fed the better," he states.

Because the bags do not provide a 100-percent guard against oxygen penetration, he states, Penn State researchers decided to inject a chemical treatment in the bale before it is bagged. They came up with an ammonia application method which has been demonstrated throughout Pennsylvania.

Using a probe device, farmers apply ammonia directly to the

(Turn to Page D34)

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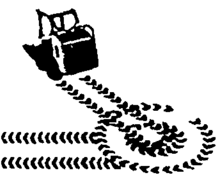

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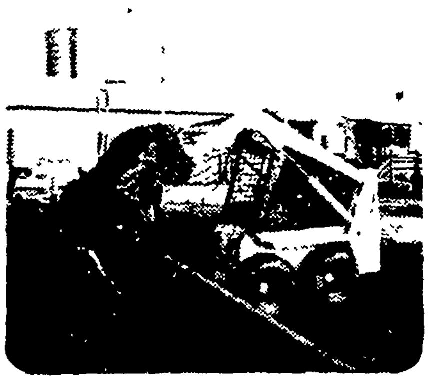

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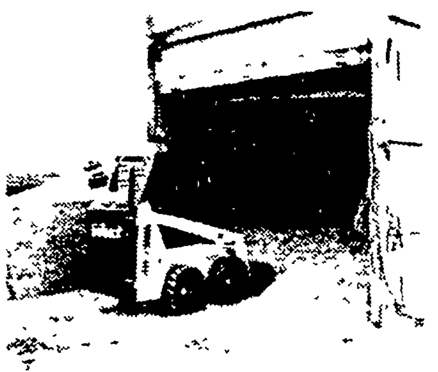

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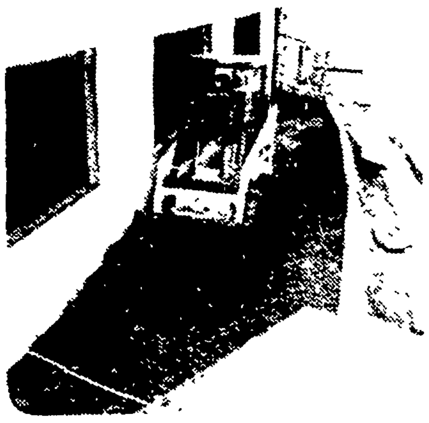

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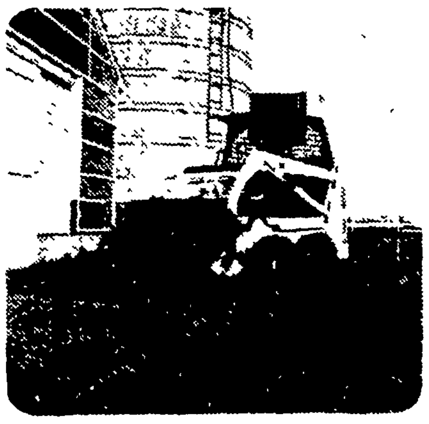

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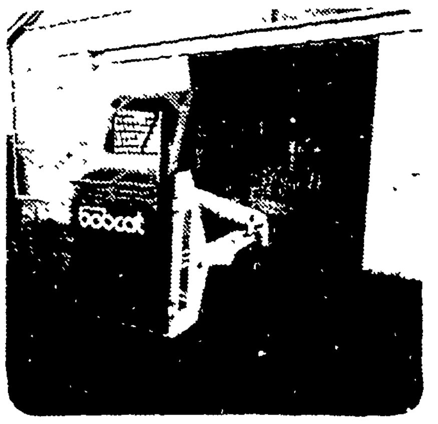

6:19 pm

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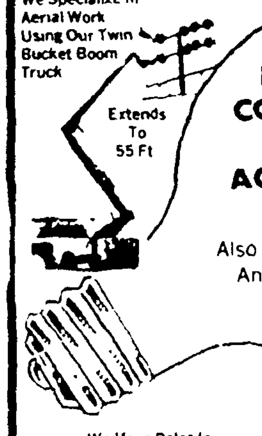

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Sometimes solutions to financial problems can get very complex. Both the borrower and the lender may give up. Is there anything further that may be done? The answer is a qualified yes if you are willing to accept help, listen to new ideas, probably make changes, maybe even go into a managed money program, and spend time constructing good records. There are people who can look at the situation and possibly come up with suggested solutions. Your Extension Service has access to some of them. Another banker or lender can sometimes see a fresh approach. Sometimes it may take a number of people to solve the problem. A financial expert may be able to see how to increase cash flow net by manipulating figures. A production expert such as a successful farmer may be able to spot obvious production management errors. A farm management specialist may be able to read and interpret a farm analysis and show you weak spots in your business. They all may be able to give you ideas on changes that should be made. The key person in this is YOU. Only you can actually decide what to do, when to do it, and how it is to be done.

The next two years are going to be shake out years. By 1986 agriculture should be on the mend, but only the successful will be able to take advantage of this mend.

Budget is a bad word. It also means several things. Budget is a way you can estimate the effect of a change in the business. Budget also means setting an amount you will spend on something. You will have to do both if you want to come up with a long range solution to your financial problems.

1. To stay within your budget:

a. Watch what you spend money on and make it economically justified.

b. Cut out the frills - the extras - do you really need zinc in the feed? How do you know? Did you get a forage test that told you so? What is the least expensive feed - a prepared mix or straight goods?

c. Use DHIA to get the best return not the best record from each cow.

d. Stay on top of price changes. Buy a little ahead of need but don't buy too far ahead. Remember every $100 of borrowed money costs $1 per month in interest.

e. Don't borrow if you can help it. Even at 8% it has to be paid back.

2. Capital Goods - this is no year to go overboard on capital purchases.

Remember it is a survival thing. Take care of your old equipment - but don't get into the bind of needing to replace several major items at once. Do a little more thinking when you make an investment. A haystaker or large round baler is nice as a time saver. What will your storage loss be, can you handle them, are there alternatives, and are you sure you can handle the payments.

3. Dairymen should figure out whether to try for a 50 cent refund or forget it. There is no pat answer. It depends on your base year production, your present production, and your overhead or fixed expenses.

We are taught that repitition drives a point home. It can also be over done to the point where it is met with glazed eyes. If only I could put a subtle message on TV so that every time you watched it the message on records would be impressed on your brain. Perhaps you would then salvage your tremendous farm business and make me happy to work with all of you for the next 47 years (I expect to retire from working with farmers at age 100).

GRAND CHAMPION

Plastic bags

(Continued from Page D33)

individual uncovered bales either in the field or at the storage point, Professor Kjelgaard explains. "That way it will stay preserved for a much longer time," he says.

Despite the advantages of the "aggie-baggie" method, Mr. Garthe points out there are some drawbacks. First, it requires manual labor to wrap the bag over the bales.

However, a private manufacturer has been developing a machine which would mechanically stuff up to 50 round bales into one large bag. If that machine is marketed, Mr. Garthe says, it would substantially reduce the necessary manual labor.

Another consideration is that the bags cost an average $4 to $7 apiece, and a farmer may need several hundred bags per year. But even that expense should be a substantial savings over a silo, which can cost as much as $50,000 to $60,000, Mr. Garthe says.

Overall, the bag method is advantageous to small and part-time farmers, the Penn State agricultural engineers agree, because it provides a practical alternative for storage and utilization of animal feed and provides the small farmers with more time to manage other farm tasks.

GLICK STRUCTURES
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Ben Glick — R.D. 2, Gap, PA
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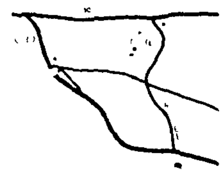

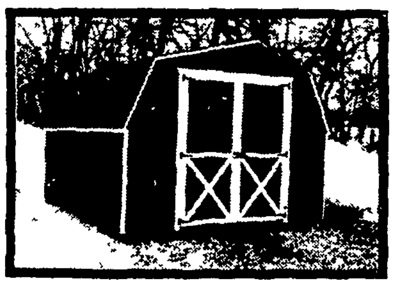

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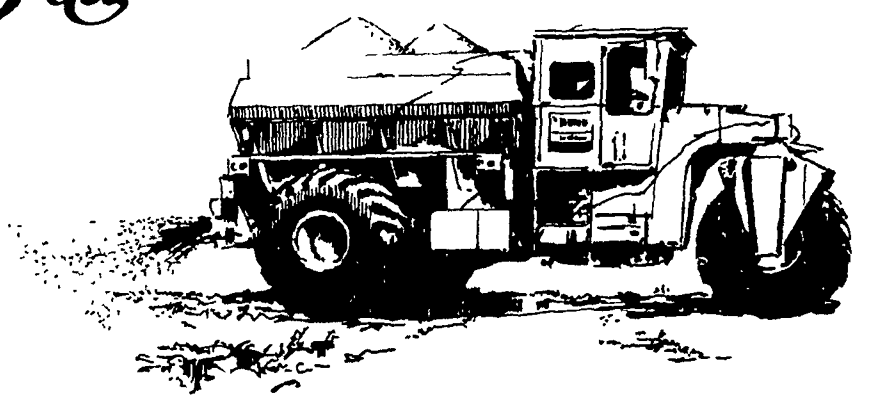
6x8	**$365**	10x12	**$600**	12x18	**$870**
6x8	**$405**	10x14	**$640**	12x20	**$925**
8x10	**$445**	10x16	**$690**	12x24	**$1090**
8x12	**$480**	12x14	**$750**	12x28	**$1270**
8x14	**$520**	12x16	**$810**	14x24	**$1545**
				14x28	**$1895**

Do it all in the Fall



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UNIPEL® 21-7-14
this Fall, and you've finished basic corn fertility.

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Auction Reports

The State Grange 2nd Annual Production Sale was held October 14 at Mel Kolb's Sale Barn west of Lancaster on Dairy Rd.

The top animal was a heifer due by Valiant which was sold for $4050. The 2 second high, red and white Holstein heifers, brought $2000 each. Another heifer sold for $1775. The milking cows sold for $1000 and $1100.

Penn State Grange and J. Everett Kreider were the sale managers.

XXX

A Public Auction of new truck bodies and truck parts was held October 15 by the Delta Truck Body Co., Inc., 1 mile north of Leesport, Berks Co., Pa.

Some prices were: aluminum body side $475, stack of body sides $650, 20' truck body $300, 2 tow motors $550, 2-40' Diamond plated trailer beds $1200, complete container chasis $800, truck roof $550, tank truck $550, 20' flat bed trailer $500, truck body sides $850 & $600, 2 World War II weapon carriers $1080, 14' truck body $1100, two 18' truck bodies $1000 & 650 and 2 rollback truck bodies $900.

Kenneth P. Leiby was the auctioneer.

XXX

A Public Sale of antiques and toys was held October 14 and October 15 by Florence M. Nickey at the intersection of Davidsburg Rd. & W. Canal Rd., Dover, Pa. There were 238 registered buyers present and the weather was nice.

Some prices were: corner cupboard w/solid doors $1000, bowfront china closet $300, pie cupboard $250, dry sink $375, spinning wheel $240, 6 plank bottom chairs $21 each, butler's desk $400, Weaver piano $425, quilt tops $60 to $120, A.M. Shoenhut doll $175, blue kerosene lamp $210, bed warmer $190, butter churn $190, foot warmer $90, bisque head doll $160, owl & dee goblets $85 each, ice box $250, oak bed (rough) $110 and the following toy Oliver equipment: #77 tractor $190, combine $130 and baler $80.

The auctioneer was Blaine N. Rentzel.

XXX

A Public Auction of antiques and farm machinery was held October 15 by Verna E. Ferster, 15 miles south of Sunbury, Pa.

The 59 acre farm included a dwelling, stone bank type barn and pasture and was sold for $54,000.

Other prices received were: platform scales $200, single horse plow $100, potato plow $60, flour chest $200, 2 cradles $150 & $180, slaw cutter $120, blanket chests $125 & $135, splint baskets $115 & $130, straw baskets $35 & $40 quilts up to $230, 6 press-back chairs $[illegible] each, bracket light & reflector $150, jugs $16 to $100 each, dated flax comb $225, 2 oak sideboards $180 & $250, jelly cupboard $250, clocks $80 to $100, rolltop desk $1000 and 2 copper kettles $100 and $185, plus a water bench $240.

George and Mike Deibert were the auctioneers.

XXX

A Public Auction of farm equipment was held October 15 by Mrs. Donald Gnagey, R.D. 1, Garrett, Pa. This was 7 miles north of Meyersdale.

Some prices were: Int. D 1066 tractor $10,500, Int. 460 D utility tractor $2900, N.H. #38 flail chopper $2900, kick bale wagon $1700, Int. forage wagon $3000, J.D. transport disc $1000, pictures & frames up to $180, antique organ $175, slant top desk $270, hay $81 per ton and oats $1.65 per bushel.

The Luces were the auctioneers.

CONTRACTOR'S AUCTION

ROAD EQUIPMENT - TRUCKS
BARBER GREENE ASPHALT PLANT
THURSDAY, OCTOBER 27, 1983

AT 10:00 AM

MARTINSBURG, WEST VIRGINIA

LOCATION: At the Asphalt Plant Yard located at Rt. 9 & Grapevine Rd., just east of Exit 12 off of Interstate 81. From Interstate 81 take Exit 12 to Rt. 45 east to Rt. 9 toward Charlestown. From Charlestown go west on Rt. 9 Martinsburg.

NOTICE: Eastern Asphalt, Inc. is liquidating their entire operation along with two other contractor's selling equipment surplus to their needs.

BARBER GREENE ASPHALT PLANT

Barber Greene model 894 (2) ton drop asphalt plant w/15,000 gallon hot oil tank, 2 bin cold feed, semi-portable (50,000 to 75,000), truss conveyor w/90 ft. new 24" belt, NEW DUST COLLECTOR BAG HOUSE (never used) ECS model 360-10 w/built in knock out chamber, 48,000 sq. ft. bag area, 30,000 cfm fan w/100 HP 3 phase motor. Selling subject to owner confirmation.

GROVE ROUGH TERRAIN CRANES

(1) 1975 RT 60S, SN 33206; (2) 1974 RT 58, SN 30291 & 30127; (1) 1973 RT 58, SN 24127; (1) Rostinger 6½ ton crane, SN 632 on 1974 Int. 1800 carrier; (1) Hughes-Keenam 10 ton yard crane, SN 7038.

RUBBER TIRED LOADERS & LOADER HOES

CAT 988, SN 87A5413 w/6 yd. bucket, ROP'S, enc. cab; CAT 920 articulated, SN 62K388 w/ROP's, enc. cab; J.D. 644B, SN 311123 w/3 yd. bucket & skid forks; TROJAN 1900, SN 10-1099 w/enc. cab, 3 yd. bucket; CASE 680C loader hoe, SN 9106380 w/ROP'S canopy, 24" bucket; CASE 580B loader hoe, SN 8736149; (2) J.D. 310 loader hoes, SN 203739 & 203677 w/ROP'S canopys & 24" buckets.

SCRAPERS AND GRADERS

(2) CAT 621J elevating scrapers, SN 23H1721 & 23H1717; (1) CAT 627 double barrel scraper, SN 54K252; (2) CAT 12 graders, SN 8T20542 & 8T3568.

LIEBHERR-FRANCE R961 HYD. EXCAVATOR, SN 961R5029

CRAWLER DOZERS & LOADERS

J.D. 750 dozer, SN 254474T w/ROP'S canopy; TEREX 8240 dozer, SN 6093 w/ROP'S canopy; J.D. 350 dozer, SN 216276 w/6 way blade, ROP'S canopy; FIAT ALLIS FL14-B loader, SN 011751 w/ROP'S cab; CAT 977H loader, SN 53A6884 w/enc. cab; CAT 955 loader, SN 12A1969; J.D. 450B loader, SN 165716 ROP'S canopy; IHC 100E loader, SN U004949 w/4 in 1 bucket, ROP's; J.D. 2010 loader, SN 54899.

COMPRESSORS, ROLLERS & PAVERS

(2) I.R. DA-30 vibratory rollers, SN's 65015 & 5319; GALION 8-10 ton roller, SN 42896; GALION TG5 (5) ton roller; Barber greene SB41 SP paver; curb machine; (2) I.R. Spiro-Flo 600 diesel air compressors SN's 32628 & 302689; JAEGER 365 cfm diesel air compressor, SN C10400 JOY 600 diesel air compressor, SN 87965; R.G. Turna sheepfoot roller; pull type power broom; Grace R10 chip spreader.

STERLING GUARD RAIL POST DRIVER on 1970 FORD L900 CARRIER
REINCO HGH8 HYDRO SEEDER on DIAMOND T CARRIER
TRUCKS - TRAILERS

TRACTORS: 1979 Mack COE Cruisliner tandem tractor w/sleeper, 300 Maxidyne eng., 5 spd. Maxitorque trans., 11:00-24.5 radials, gear box for wet line, majored & clean; 1973 INT. 4300 Transtar tandem tractor w/Cummins diesel, 10 spd. trans., new cab, 38,000# rears; 1970 Ford 9000 Louisville tandem tractor w/671 Detroit, 13 spd. Road Ranger trans., low hole, 38,000# rears, V.G.

DUMPS: 1978 Ford 9000 tandem 318 Detroit, 13 spd. trans., low hole, 14 yd. body, 38,000# rears; 1976 INT. 5000 Paystar tandem w/IHC V8 380 diesel, 9 spd. Road Ranger trans., low hole, 55,000# rears, V.G.; 1973 Ford F750 dump w/lift axle, 391 gas, 16 ft. steel bed, just overhauled; 1971 Int. Series M tandem w/318 Detroit diesel, 13 spd. trans., twin screw, 44,000# rears, good; (2) 1973 Ford 8000 tandem cab & chassis w/D-8 Cat eng., 34,000# rears, good; Diamond Reo fuel truck.

1976 CENTERVILLE 35 TON DETACHABLE GOOSENECK EQUIP. TRAILER w/10:00-15 radials; V.G.; Kentucky 40 ft. van trailer; PICKUPS; 1977 Ford F250 covered mechanics truck w/P/S, P/B, AM/FM, auto. trans., 69,500 mi., V.G.; 1974 Chev. mechanics truck; 1971 Int. 1310 (1) ton utility truck w/auto.; 1977 Chev. 3/4 ton truck w/auto. AM, fair; 1975 Ford 3/4 ton; 1977 Ford w/auto. trans.; 1977 Dodge Aspen.

LORAIN MODEL 425 (25) TON TRUCK CRANE

TERMS: COMPLETE PAYMENT SALE DAY. Payment in full on sale day with Cash, Cashiers Check, Treasurers Check or Money Orders. Personal or Company Checks must be accompanied by a Valid Bank Letter or Guaranteed Payment. All sales are final & everything sells as-is, where-is. Financing available on equipment selling for $10,000 or over (no vehicles) with 25% down to qualified purchasers. Call Jim Trout 5 days to prior to sale.

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COMPLETE HOLSTEIN MILKING HERD & BRED HEIFER DISPERSAL

For **PAUL BRUBAKER**
Myerstown, PA, Lebanon Co.

FRIDAY, NOVEMBER 4, 1983

7:30 E.S.T.

To be held at Smoketown Quality Dairy Sales Co., Smoketown, PA. 5 mi. E. of Lanc. 5 mi. W. of Intercourse, Rt. 340.

38 COWS & 23 HEIFERS

Registered & Grades

Big Strong Cows. 35 cows milking. Avg. 45-50 lbs. cows just fresh, cows due fall & winter, balance in all stages of lactation. Ten heifers should be short bred, with bull about 4 weeks.

Thirteen heifers from baby calf to 1½ yrs.
Sires of 7 heifers are Barrett - 2 Lark - 1 Very and 1 Arlinda Cinnamon.
Cows were bred with Select Sires, Carnation and Atlantic A.I., and a Reg. Bull - Marshfield Elevation Tony. Dam- Harrisburg Gay Ideal - V.G. 87 - Cow Index +1465m. +42F. - records - 28,885m. 1046F. - 29,702m. 1023F. Full sister - V.G. 88 - 27,185m. 1075F.
Production of milking cows:
70 lbs. 4.6t. Dry only 2 wks.
60 lbs. 4.4t.
52 lbs. 4.3t.
50 lbs. 3.8t.
44 lbs. 4.4t.
51 lbs. 4.1t. - D.H.I.A. records AM-PM.

More Details Next Week

Also 1 Load Registered & Grade Cows & Heifers consigned by Johnny Jr.
Cows milked at regular time
Cash or good check night of sale.

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GORDON & HELEN FRITZ
717-393-0930
Carl Diller - Paul Snyder, Auct.
Henry Kettering, Pedigrees
Lunch by Sublette

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

OCTOBER

SAT OCT 22 - 9 AM Public Auction of Farm Real Estate, Tools, Equipment and Household Goods Located going 8 mi north of the city of Lebanon on Rt 72 to Lickdale go west on Rt 72 1 mi to village of Bordnersville at crossroad go south, 1st farm Harold C and Grace A Heisey, Owners. Nelson L Ebersole and Ira R Shoop, Auctioneers

SAT. OCT 22 11 AM Public Auction of Real Estate. Located in Halifax Twp, Dauphin Co, PA, 2 mi northeast of Halifax Boro, 22 mi north of Harrisburg James A Penman and Richard L Penman, Owners George and Mike Deibert, Auctioneers

SAT OCT 22 9 AM Public Auction of Antiques, Car and Personal Property Located on Broad St, Emigsville, PA Estate of Woodrow S Hess. Blaine N Rentzel, Auctioneer

SAT OCT 22 10 30 AM Public Auction of Shop Tools and Misc Items Located turning off of Rt 322 in East Earl on 897 south, 3 mi to Meeting House Rd, turn left onto Seldonridge Rd, bear left, or 3 mi north of White Horse on Cambridge Rd, Lanc. Co, PA, Mary A Miller, Owner Robert E Martin and Son 656-7770, and Frank L Steller, Auctioneers

SAT OCT 22 11 AM Public Auction of Farm Machinery Located in Broadway, NJ, 8 mi east of Easton, PA, take Rt 78-22 to Asbury Rd, for ½ mi turn east on Bryan Rd, opposite Franklin Twp School to farm, 4 mi west of Washington, NJ Estate of George R Bryan Col Fred R Daniel, Auctioneers, Inc

SAT OCT 22 10 AM Public Auction of Building Materials Located from Square in East Berlin, get on W King St, W on Rt 34, approx 1 mi to Germany Rd, turn right approx 1½ mi to Stony Point Rd, turn left to sale Fred Smythe, Owner Clair R Slaybaugh Auctioneer

SAT OCT 22 10 AM Public Auction of Line and Construction Equipment and Trucks Located at the Atlantic Electric transportation center on Duerer St, Rt 561, in Cologne, NJ Vilsmeier Auction Co, Inc

SAT OCT 22 9 AM Public Auction of Real Estate, Livestock and Farm Equipment Located along Rt 222, 7 mi south of Lancaster, 4 mi north of Quarryville, 1st farm south of Hessdale, Strasburg Twp, Lanc Co PA David F and Mary K Fisher, Owner Diffenbach's Auctioneers

SAT OCT 22 - 12 Noon Public Club Calf Auction Located at J C Enterprises, Ringgold, PA Les Haller, J C Cattle Mgr

SAT OCT 22 9 30 AM Public Auction of Antiques, Collectibles, Furniture and Household Located in Shamokin, RD 2, Overlook, turn off Rt. 61 at Weigh Scales or off Rt 54 at Bear Gap, follow auction signs St Peters United Church of Christ, Owner Hock's Auction Service

SAT OCT 22 11 AM Public Auction of Real Estate Located minutes from Phillipsburg, NJ Max E Spann, Inc, Auctioneers

SAT OCT 22 2 PM Public Auction of Real Estate Located 1 mi north of Beaver Springs, PA, just off Rt 235, past Matterns Hatchery Cora Rigel Estate Wagners Auctioneering Service

SAT OCT 22 8 30 AM Public Auction of Misc Gas Engines, Farm Items Tools, Automobiles Antiques, Collectibles and Household Items Located 7 mi. south of Sunbury, PA 4 mi north of Trevorton, 1 mi east of Rt 890 Irene G Snyder Owner Lee Dockey, Auctioneer

FARMERSVILLE AUCTION

TUESDAY, OCTOBER 25, 1983

5:30 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

GROCERY SALE

WE SELL ON COMMISSION

Call **JOHN J. RUTT**
354-5095

GAP AUCTION

FRIDAY EVE., OCT. 28

5:30 P.M.

Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION

CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. to 7:00 P.M.

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CONDUCTORS ALL TYPES PUBLIC SALES

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT OCT. 22 - 10 AM Public Auction of Real Estate, Antiques and Tools. Located 1 mi off Rt 87 at Millville Motel, 3 mi Forksville 12 mi. from Dushore, PA off Rt. 220 - 87 South, Sullivan Co Estate of Harold T Howell Jerry Burke, Auctioneer.

SAT OCT 22 - 1 PM Public Auction of Feeder Cattle. Located in Churchville, Harford Co, MD, 6 mi. east of Bel Air, MD, via U.S. Rt. 1 or 6 mi west of Aberdeen, MD, via I-95 of Rt 40 Aberdeen Sales Co., Inc

SAT OCT 22 - 9 30 AM Public Auction of Farm Machinery, Antique Auto Tools, Antique Auto Parts, Antiques and Household Goods. Located approx 1 mi. of Rt 27, between Westminster and Taylorsville near Gypsy Hill, Carroll Co, MD Gladys M Haines and Edith H. Wagner, Owners Austin Bohn, Auctioneer.

SAT. OCT. 22 - 4 PM Public Auction of Camp Trailer. Located taking Rt 274 to Village of Center at Bishops Store turn left to T-Rd., bear right to camp Marvin E Garner Estate C.H. Wolgemuth, Auctioneer

SAT OCT 22 - 12 30 PM Public Auction of Cattle Located 2 mi. west of Kingsley, PA, 8 mi from I-81 and off Rt. 11 halfway between Scranton, PA and Binghampton, NY, 11 mi. southeast of Montrose, PA, Susquehanna Co. Lloyd C. and Effie A Potter, Owners. D O Rockwell and Assoc., Auctioneers.

SAT OCT 22 - 9 AM Public Auction of Construction and Paving Equipment. Located 30 mi west of Pittsburgh on Rt 22 to PA Rt 18, then 3 mi north to sale Cheuvront Construction and Paving, owner Anderson Auctioneers

SAT OCT. 22 - 1 PM Public Auction of Cattle. Located 2 mi. north of Spring Creek, PA on Blue Eye Rd or 7 mi east of Corry on US 6, then 2 mi south on Blue Eye Rd Mickey and Ed Sekerak, Owners.

SAT OCT 22 - 9 AM Public Auction of Tools Located at RD 2, Sch. Haven, Wayne Twp, Sch. Co., PA, West of Friedensburg Rt. 443, follow signs at Gardner's Cafe Mrs Fred Leisey, Owner. Jay Riegel, Auctioneer

SAT OCT 22 - 10 AM Public Auction of Antiques and Household Items Located on Newport Rd., Penryn, PA, N W of Lititz, PA. Mary S Bomberger, Owner E.M Murry Assoc, Auctioneers

SAT OCT. 22 - 10:30 AM Public Auction of Household Goods, Antiques and Quilts. Located in Lancaster Co, PA, in the village of Intercourse, take Rt 772 south to Evergreen Rd. Rebecca Beiler and Minerva and Lena Kenner. Owners. Steve Petersheim, Auctioneer

SAT OCT. 22 - 10 AM Public Auction of Office Furniture, Shelving, Tools and Trucks. Located at 2201 Fairmont Ave, next to Polymer Corp, turn east off N 5th St., Bus 222 at Delta Ave, just south of the Holiday Inn Laurel Electric, Owner John D Frey, Auctioneer

SAT OCT. 22 - 11 AM Complete Dispersal located 3 miles from Moscow, Pa Exit 4 off Rt. 380, then turn East on Rt. 690, follow White Birch Campground signs and auction arrows toward Madisonville, Lackawanna County. Owners: David and Frances Frey, Jim Adriance, Auctioneer

SAT OCT. 22 - 10 AM Public Auction of Farm Machinery, Trucks and Etc Located 1½ mi south of Kemblesville, PA and 5 mi north of Newark, DE on Rt. 896 Harold S Hill and Son, Auctioneers.

PUBLIC AUCTION

1st. CONSIGNMENT SALE OF FARM MACHINERY SMALL ITEMS, NEW ITEMS, ETC.

At Sugar Valley Welding Shop 2½ miles W. of Loganton, Pa. 8 miles E. of Rebersburg along Rebersburg - Loganton Rt. 880 Highway.

WEDNESDAY, OCT. 26, 1983

Starting 9:00 A.M.

FARM MACHINERY NEW & USED ITEMS, ETC.

Items Already Consigned - Brief Listing Follows:

J.D. 495A 4 Row Corn Planter w/Insecticides on Steel; N.H. 455 7' Bar Mower on Steel; Corn Binder on Rubber, Fertilizer Drills; Grain Drills; Sulky Plows; 2 - 16" Papec Cutters, Sulky Carts; Crimper, 28' All-Purpose Elevator, 1 Horse Open Buggy; 10' Cultimulcher; New & Used Wagon Chassis; Utility Trailers, 12 spd. Drill Press, Band Saw, Platform Scales, Quantity of Plywood; Quantity of Lumber 2x4, 2x6, 2x8, Baler Twine; Barb Wire, All Size Nails; Sgl. Trees; Dbl Trees, 3 - 4 - 6 - 8 Horse Hitches; New Batteries, Load of New Tools from Toolman; and many other items not listed being consigned Daily -

TO CONSIGN ITEMS: Call 725-3882 between 7 A M & 7 30 A M or Contact Ben Esh or Paul King of Sugar Valley Welding

ACCEPTING MACHINERY TILL 8:00 A.M. OCT. 26th

TERMS: Cash or Good Check Day of Sale. Out of State Checks Only w/Bank Letter of Credit Guaranteeing Funds.
Not Responsible for Accidents.

Sales Managers
SUGAR VALLEY WELDING
BEN ESH - PAUL KING
Call 725-3882
Between 7 & 7:30 A.M.

Lunch Available

Auctioneers
Harold Fraley 717-546-6907
Steve Petersheim 717-786-4624

PUBLIC SALE

OF GARAGE EQUIP. - AUTOMOBILES

WED. EVE. NOV. 2, 1983

5:00 P.M.

139 S. Main St. Jacobus, Pa. (Next to Beards Towing Service).

5 hp. air compressor (Kellogg American), Brinks paint guns, air sanders, Hein Werner engine hoist, motor stand, wheel balancer, wheel spin balancer, Coats air tire changer, Ammis Brake Drum & Flywheel lathe, Blackhawk air jack, Miller Model 35 Mig Welder w/aluminum attachment, spot welder, analizer for electrical ignition, acetylene torch, 2-1½ ton floor jacks, air hose, fire extinguisher, cash register, time clock, calculators, office desks, office chairs, waiting room chairs, coffee & end tables, 4 drawer file cabinets, metal tool cabinets, air conditioner pump, metal shelving, counter, parts bin, jacks stand various sizes, barrel pumps, air grease guns, regulators, tire racks, wheels & tires, aluminum windows, motor manuals, used Volkswagon parts & school bus, battery charger, pullers, misc. paint, 55 gal. drums, paint covers, ladder, electric gas pump, & other items of interest.

7:00 AUTOMOBILES 7:00
1958 Metropolitan
1968 Camaro Convertible
1980 Malibu Classic
1947 Ford 1 ton Flat Bed truck
1964 T-Bird Hardtop

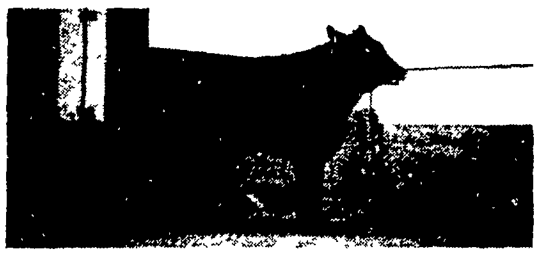
TERMS: CASH OR GOOD CHECK.

AUCTIONEER:
Blaine N. Rentzel
Emigsville, Pa.
717-764-6412

BLACK CLUB CALVES

CHIANINA — ANGUS and CHIANINA - ANGUS - SIMMENTAL
Sired by Black Power Play, Ildeno and other Chianina Champion Bulls

From the herd that bred the 1983 PA FARM SHOW RESERVE CHAMPION STEER



First calf sold this year was Reserve Grand Champion Feeder Calf at the Eastern National Livestock Show.

Watch For Our Calves At Keystone And New Holland District Sale

MESSICK FARMS

Middletown, PA 17057
(717) 944-1346

PUBLIC AUCTION

VALUABLE REAL ESTATE

FRIDAY, OCTOBER 28, 1983

11:00 A.M.

Located in Southern York County, Pa. Rt. 74 South to cross road of 851 and 74 take 851 left to Lay Road take Lay Road to second cross road turn left follow through on Cold Cabin Road to site.

173 ACRES M/L

Real Estate will be offered on the premises and consists of 173 acres M/L. Gentle rolling land. App. 70 acres tillable, balance is woodland, portions with excellent overlook view to the Susquehanna River.

NOTE: Please don't pass this one by. Lots of potential, agricultural opportunity, lots of recreational opportunity, in Peach Bottom Township.

Inspection anytime or with owner, also for copy of recent survey contact the owner 717-422-9787 or 422-4273. In the picturesque, gentle rolling Susquehanna River area, you will always appreciate away from the hustle and bustle of industrial activity. 10% down on day of sale, balance in 60 days.

Auction for
LEON A. STOLTZFUS

E.M. Murry Associates
Auctioneers
Lititz, Pa. 626-2636

E.M. Murry Associates
287 Lime Rock Road
Lititz, PA 17543
Elmer Murry 626-5244 - 626-2636
Richard Murry 626-8175 - 949-2280
Ken Miller 665-2073
Professional Auctioneers
Appraisers and Advisors
Since 1953

PUBLIC AUCTION

VALUABLE INDUSTRIAL REAL ESTATE & FARM EQUIPMENT

FRIDAY, NOVEMBER 4, 1983

10:00 A.M.

Located 1 mile South of Route 30 Gap, Pa. along Rt. 41. 8 acres M/L Industrial Land.

Real Estate to be offered at 10:00 A.M. consists of a parcel of land containing 18 acres M/L in Sadsbury Township. Lancaster County, Pa. Ready for development, excellent highway frontage on Rt. 41, railroad on rear of property. Inspection anytime or contact owner Leon A. Stoltzfus 717-442-9787 or 442-4273.

Farm equipment consists of the following well maintained units, I.H.C. 574 Diesel Tractor with less than 900 hrs., I.H.C. 2250 Loader, Massey Ferguson 13' transport disc, 1978 John Deere 7000 Maximerge 4 row corn planter, I.H.C. 9 tooth chisel plow. Durham 4 row cultivator, 10' single cultipacker, John Deere rotary hoe, McCarty bin wagon with auger, Misc. 10x20 truck tires, Mack 34,000 full tandem rear 417 ratio.

Auction for owner,
LEON A. STOLTZFUS

NOTE: Broker participation invited. 1% commission to any broker registering 1 hour previous to auction.

E.M. Murry Associates
Auctioneers
Lititz, Pa. 626-2636

E.M. Murry Associates
287 Lime Rock Road
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Since 1953

POTATO FARM AUCTION

"ROBERT R. ROBERTS EQUIPMENT DISPERSAL"

MONDAY, OCTOBER 31, 1983

11:00 A.M.
BLISS, (Wyoming Co.) NEW YORK

Sale to be held at the warehouse on Railroad Avenue located at the west end of Main Street in Bliss, New York.

Selling will be all farm machinery now owned by the United States Government acting through Farmers Home Administration, as acquired through legal proceedings of United States Bankruptcy Court. Clear title is guaranteed and every item sells to the high bidder!

GENERAL EQUIPMENT: Brillion 16 ft. transport cultimulcher; Lilliston 4 row rolling cultivator; J.D. 3 pt. 4-row tool bar with 5 teeth; Ford 12 ft. harrow; 3 flat rack wagons; 6 ft. 3 pt. mott type mower; N.I. trailer mower; 200 gal. steel tank trailer sprayer; N.H. 36 in. produce drying fan; Lincoln welder; 2 master heaters; set of platform scales.

POTATO EQUIPMENT: Lockwood Mark Air harvester with I.H. UB-240 gas power unit; J.D. 30 and J.D. 25 model diggers; I.H. 4 row planter; Haines 5 x 7 bulk hopper; Haines bin loader with 32 ft. boom; Haines 16 ft. chain elevator on scissor wheels; Haines 3 ft. older style grader; Haines 3 ft. picking table; Diltz Wetzel spool type seed cutter with rear elevators and barrel treater; 32 ft. flat belt conveyor; Hobart commercial stainless steel electric potato pealer; 2 rotobeaters; Trojan LA-40 1.p. gas loader with 6 ft. produce bucket; 3 Haines rear seed elevators.

TRUCKS AND BODIES: NOTE: at this sale, all trucks sell in their present state with their respective body intact! 1962 I.H. 1600 with aux. trans. and Haines 16 ft. new style bulk body; 1961 I.H. B-180 with aux. trans. and Haines 16 ft. new style body; 1969 Ford F-800 with aux. trans. and Haines 16 ft. older style body; 1965 Chevy. C-60 with aux. trans. and Dahlman 16 ft. bulk body; 1962 Chevy. C-60 with aux. trans. and 14 ft. Haines new style body; 1963 I.H. 1600 with aux. trans. and Haines 14 ft. older style body; 1972 Ford F-250 pick-up engine good, body poor; 1973 Chevy, series 30 van, engine good, body poor; 1957 G.M.C. flat bed, junk.

IRRIGATION: Marlow pump with Chrysler industrial gas engine; App. 1000 ft. of Tico 5 in. alum. pipe; App. 500 ft. galvanized 4 in. pipe; 1 Rain Bird high riser gun.

TERMS: Cash or good check day of auction. I.D. required! Nothing to be removed until settled for.

Owned by
UNITED STATES GOVERNMENT
Farmers Home Administration
Joan Crosman, Wyoming Co. Supervisor
Warsaw, N.Y.

Auction conducted by
PIRRUNG AUCTIONEERS, INC.
Wayland, New York
716-728-2520

PUBLIC AUCTION

2½ ACRE FARMETTE FARM EQUIP., DUMP TRUCK, CRAWLER LOADER, GUNS, COINS SLOT MACHINES, JEWELRY

SATURDAY, OCT. 29, 1983

at 11:00 A.M.

Located North of Schnecksville, Lehigh Co., along West Park Ave. (the rd. from Neffs to Newside).

FARMETTE: 2½ acres w/remodeled 2½ story stucco over stone house, 2 story stone & frame bank barn, several sheds. Farm house has large mod. kit., laundry & den office on 1st flr., 2nd. flr. has 3 BR & bath, new heating system.

For inspection call 767-7777 for appt.

Terms- 10% day of auction, bal. by Dec. 15, 1983. R.E. Offered at 12 noon.

Personal Property:
J.D. 2020 gas tractor; Agri. 4000 diesel tractor; JD 50 tractor; JD A tractor; White 5100 6 r 30" no till planter w/liquid tank & John Blue pump used 1 yr.; George White field sprayer w/320 gal. tank & 35' self leveling boom: Hesston self propelled haybine; NH 283 baler; JD 7700 diesel combine w/air, 16' grain head for same to be sold separate; York 3 pt. rake.

Loader: Int. 250-B track loader w/3 yd. bucket.

Trucks: 1969 Mack DM 600 ten wheeler Maxidyne, 58,000 GVW; 1978 C-20 ¾ ton pickup.

Cars: 1967 Plymouth 4 dr.; 1963 Chev. super sport 2 dr. hard top; two wheel pony cart.

(3) Mills 5 cent antique slot machines; approx. 50 guns: Win. mod. 12 20 ga.; Pedersen o/u 12 ga.; Win. mod. 94,30-30 cal.; rare Italian trap shot guns; $1-$5-$10-$20 gold pcs.; 300 silver dollars; few watches; ladies diamond rings; few old birth certificates, plus articles not mentioned.
TERMS - Cash or check.

Ordered by
MRS. J.L. McKELVEY

Conducted by
Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084

Carroll's Sales Co., Inc.

P.O. Box 307
Felton, Delaware 19943
Auctioneers

PUBLIC AUCTION

OF VALUABLE REAL ESTATE

REAL ESTATE - 120.502 ACRE FARM - 109.616 Acres Tillable, more or less 1.086 Acre wooded building lot 9.8 Acres of good timber

THURSDAY, NOVEMBER 10, 1983

12 O'Clock

LOCATION: South East corner of County Road 31 & 379 - Go East on county Road 31 from Canterbury toward Magnolia. Signs posted. "Location" Invest in prime real estate on a buyers market.

POSSESSION: When this year's crop is off.

SETTLEMENT: On January 10, 1984.

Sale Order is as follows: 1. Building Lot, 2. Woods, 3. Tillable ground, 4. Offer as entirety.

"We sell the earth and everything on it"

TERMS: 25% of the purchase price will be required to be paid on the day of the sale and final settlement on January 10, 1984. The percentage paid on the day of the sale will be treated as part of the purchase price if terms of the sale are complied with; otherwise, it will be forfeited for noncompliance and treated as liquidated damages. Buyer to pay cost of deed and the Delaware transfer tax to be divided equally. Sellers reserve the right to accept and reject all bids.

AUCTIONEERS NOTE: This is a very good farm and in a state of high cultivation, being sold only to settle an entailed estate by will of Charlotte E. W. Burton. Buyers, look this farm over.

Sellers
Heirs of Entailed Estate of
CHARLOTTE E.W. BURTON

AUCTIONEERS
Carroll's Sales Co.
Harry Barrett
Anthony B. Carroll
Chester Lee Carroll

PUBLIC AUCTION

HOUSEHOLD, ANTIQUES, TOOLS, TRACTOR — EQUIPMENT

For: Mr. & Mrs. Ted Gatanis

SATURDAY, OCTOBER 29, 1983

Time 10:00 A.M.
330 S. Hook Rd., Pennsville, N.J.
(close to Rt. 49)

Living room furniture, dining room suite, oak clothes tree, cane seat high chair, sewing machine w/table, piano stools, lot of old chairs, old hat rack picture, marble top table, washstand, old iron clothes tree, 5 threadle sewing machines, old tables, old side boards, 4 square front China stove w/eye level oven, old floor lamps, stoneware, Roseville, Heisey, Carnival, jar (Cayner Glass Works, Salem, N.J.), lots of sad irons, Egg baskets, spring scales, beam scales, platform scale, advertising tins, oil lamps, wall brackets for oil lamps, old baskets, sleigh bells, old dinner bell, old lanterns, lot of wooden planes, wooden rakes, wooden clamps, old braces, adz, antique wooden sled, old augers, old turning saw, broad axes, Model T Ford wrenches, lot of hinges and old hardware, old locks, old advertising signs, iron pot, horse drawn plows, wagon wheels, candle stick phone, hand carved owls, hand carved Indians, boat rods, many other nice collectibles.

1963 2000 Ford tractor (very good cond.) 3 pth 2-12 bottom plow, 3 pth 6' cut harrow, 3 pth weeder, 3 pth cultivator, boom, post hole digger w/augers, subsoiler, 3 pth seeder, nice 4 wheel farm wagon, super 12 riding mower w/plow, air compressor, ladders, good chain saw, 5 HP engine, ladder jacks, scafold jacks, pipe threader, pipe wrenches, miter saw, Starret level, good anvil, lot of pitch forks, lot of shovels, power tools, tool, tools, tools.

AUCTIONEERS NOTE: Owner has spent many years collecting, there's something here for everyone. This is a partial listing.

Sale 5 miles from Delaware Memorial Bridge.

TERMS: Cash or Good Check
Ralph D. Hughes - Auctioneer
589-6454
Lunch Available

PUBLIC SALE

BLAINE RENTZELS' AUCTION BARN

SAT. OCT. 29, 1983

6:30 P.M.

LOCATED: 1 1/10 mile north of Manchester, Pa. along Rt. #181, turn right at White Rock. "Watch for Signs".

COIN SALE OF VALUABLE COLLECTION FROM THE ESTATE OF WOODROW HESS OF EMIGSVILLE

This sale features: Large Cents, Flying Eagle, Indian Cents, Lincoln Cents including 1909s vdb-1909S-1914D-1931S, Two Cents, Three Cents, Liberty Nickels including 1912S, Early Dimes, Mercury Dimes including 1921-1931D-1931S. Complete book of Roosevelt Dimes, Quarters including 1932D-1932S, Early Halves, Walking Liberty Halves including 1921-1938D. Complete book of Franklin Halves. Many lots of Morgan and Peace Silver Dollars including 1921 Peace Dollar. Lots of Medals and Tokens, Foreign and Canadian Coins, Proof and Mint Sets, Bulk Silver Lots.

For complete lot list call: 764-5704 or 764-5115

ALSO - FROM ANOTHER ESTATE GOLD COINS - selling at 8:00 P.M.

2 - 1899-S $20.00 Gold Pc. Liberty, 1903 $20.00 Gold Pc. Liberty, 1907 $20.00 Gold Pc. St. Gauden, 1908 $20.00 Gold Pc. St. Gauden, 2 - 1908 $10.00 Gold Pc. Indian Head, 1913 $10.00 Gold Pc. Indian Head, 1915 $10.00 Gold Pc. Indian Head, 1880 $10.00 Gold Pc. Liberty, 2 - 1886 $10.00 Gold Pc. Liberty, 1889 $10.00 Gold Pc. Liberty, 1909-D $5.00 Gold Pc. Indian Head, 1912 $5.00 Gold Pc. Indian head, 1893 $5.00 Gold Pc. Liberty, 1857 $2.50 Gold Pc. Liberty, 5 Silver Dollars, 1775 Lg. Cent, 2 Buffalo Nickels, 1 V Nickel, 4 - Pc. Ind. Head Cent Corr., 1856 Dime Dark, 12 Pc. Wheaties Lincoln Cents.

TERMS: CASH OR GOOD CHECK.
BRING YOUR OWN LAWN CHAIRS FOR SEATS.

AUCTIONEER: Blaine N. Rentzel
Daytime: 717-764-6412
Evenings: 717-266-1671
For Auction Room Sales:
764-6412 or 845-7877
Auction Room: 266-1671

PUBLIC SALE

OF 80 ACRE FARM, ANTIQUES, FARM EQUIPMENT, HOUSEHOLD GOODS & CAR

Brickerville Area

SATURDAY, NOVEMBER 12, 1983

Sale Time 9:00 A.M., Farm Equip. & Tools First
Car 1:45 P.M., Real Estate 2:00 P.M.

Located along Rt. 322 between Clay & Brickerville, Lancaster Co., Pa.

80 ACRE FARM M/L IN ELIZABETH TOWNSHIP

2½ STORY BRICK & WOOD DWELLING

containing 7 rooms & 1½ baths on second floor. First floor contains 2 kitchens, summer kitchen with walk-in fireplace, 3 large rooms & half bath.

Oil fired hot water heat. Well & pressure system.

LARGE FRAME BANK BARN. TOBACCO SHED. CORN BARN & IMPLEMENT SHED & other storage buildings.

80 Acres M/L - 55 Acres tillable.

SEGLOCK CREEK RUNS THROUGH MEADOW AREA. 10 acres M/L woodland.

1,400 ft. M/L on N. side of Rt. 322 and 1,300 ft. M/L on S. side of Rt. 322.

Zoned Commercial along Rt. 322 (500 ft. from highway).

This is a very attractive property with many possibilities. Ideal for farming or other purposes. Be sure to inspect this Real Estate.

OPEN HOUSES — Real Estate Only - Sat., Oct. 29 & Sat., Nov. 5 from 1 p.m. to 3 p.m. or for information or inspection call 733-3246 or 626-4007.

Terms By:
STELLA D. MUMMERT ESTATE

T. Glenn Horst, Auct. 859-1331
Timothy G. Horst, Auct. 738-1245
Eaby & Eaby, Attys.

Refreshment by Brickerville Fire Co.

PUBLIC SALE

Blaine Rentzel's Auction Barn

FRIDAY, OCTOBER 28, 1983

1:00 P.M.

Located: 1 1/10 mile north of Manchester, Pa. along Rt. 181, turn right at White Rock. "Watch for Signs".

LIQUIDATION OF A DEALERSHIP OF SUZUKI MOTORCYCLES & ARCTIC CAT SNOWMOBILES

NEW

Susuki GS850 GLX Motorcycle
Susuki JR50 Motorcycle

USED

1977 Kawasaki 750 Motorcycle
1 (350) Kawasaki - 1 Durcati - 1 Honda - 1 Susuki

NEW

2 Arctic Trail Cat 4000 Snowmobiles

USED

1 Arctic Trail Cat EL Tigre 600 Snowmobile
1 Rupp 440 Snowmobile
1 El Tigre 400 Snowmobile
1 Scorpion Whip 340 Snowmobile
1 Cheetah 339 Snowmobile
1 Skirole SS 300 Snowmobile
1 Puma 340 Snowmobile
$20,000.00 Inventory of Suzuki Parts & Access.
$5000.00 Inventory of Arctic Cat Parts & Access.
$5000.00 Inventory of Chaperal Parts & Access.

3 Used Chain Saws, Helmets, Chains, Crankshafts, Etc., Snowmobile Clothing - Hats, Sweaters, Suits, Boots, Vests, Jackets, Pants, Liners & Gloves.

Included in this sale will be these items from a local serivce station operator quitting the business.

Stewart-Warner Engine Analizer, Craftsman 230/180 AC-DC Welder, Coates Tire Machine, Alemite Wheel Balancer, Floor Model Headlight Tester, Solar H/D Booster & Tester, Esstron Hydro Scrubber, Micro Wheel Balancer, Good all Parts Cleaner, 20 Ton Hydraulic Press, Motorcycle Inspection Stand, R.C. Allen Electronic Cash Register, 2 Ton Floor Jack, Heavy Duty Bench Grinder, 2 Jack Stands, Large Bench Vise, Grease Gun (air), Sears Lawn Mower, 6 Gas Nozzles, 2 New Pump Nozzles, 1 Yard Sign w/Letters, 2 Mobile Signs w/Letters, A.T.F. 220, A.T.F. 210, Special 10W-30W Oil, Beach Balls & Smokey Bear Blow-Ups, many other items too numerous too mention.

TERMS: Cash or Good Check

Auctioneer:
Blaine L. Rentzel
Emigsville, Pa.
717-764-6412
717-266-1671 Auctioneer Home

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. OCT. 22 - 9 AM Public Auction of Blacksmith Shop Tools, Antiques and Household Goods. Located at RD 1, Palmyra, Dauphin Co., PA, from Rt. 22 turn south at Grantville onto Rt. 743 to 1st farm on left or go north on Rt. 743 from Hershey to last farm on right before Rt. 22. George Winters Estate. Harry H. Bachman, Auctioneer.

SAT. OCT. 22 - 9 AM Public Auction of Trucks, Cars, Farm Machinery, Tractors, Equipment, Antiques, Butchering Equipment, Household Goods, Tools and Misc. Located at St. Luke's Lutheran Church Picnic Grounds, New Bridgeville, PA, on Rt. 425, 1 mi. south of New Bridgeville. Reynold Burke, Auctioneer.

SAT. OCT. 22 - 10 AM Public Auction of Household, Antiques, Collectables, Equipment, Real Estate and Etc. Located at Lightstreet-Fowlersville Rd., Berwick, RD 2, PA, from Berwick, PA take Rt. 93 north, go about 6 mi. on Rt. 93 north, turn at auction sign, follow signs to sale. Estate of Mrs. Dora Evans. Nevius Auction Service.

SAT. OCT. 22 - 9 AM Public Auction of Farm Machinery, Tools, Furniture, Appliances and Pinball Machine. Located at 265 Shady Nook Rd., Harleysville, PA. Al and Ruth Balis, Owner. Sanford Alderfer, Auctioneer.

SUN. OCT. 23 - 1 PM Public Auction of Guns, Jewelry, Watches, Diamond Rings, Knives, Coins and Etc. Located at 901 Elm St., Watsontown, PA. Roy Hoey, Owner Fraley Auction Co.

PUBLIC AUCTION

FARM MACHINERY

AC GLEANER L COMBINE, ETC.

Located 2 miles NW of Danville, Pa. ½ mile S of I-80 just off Rt. 54. Watch for Auction arrows.

TUES. OCT 25, Starting 1 P.M.

77 AC Gleaner II self-propelled combine, 2900 diesel, gear drive, w/cab, app. 2000 hrs; N.H. 479 9' haybine w/flotation tires; Case 8-16" semi-mounted plows, w/onland hitch & coverboards; MF 6' 3 pth. rotary mower; Brillion 10' cultipacker; NI 6 wheel wheel rake (pull type); IH 401 20' transport harrow w/fold-up ends; AC 600 No-till 6 row corn planter w/metal dry fert. boxes; Farmec 36' all-purpose elevator; 2-16' thrower rack wagons w/NH chassis; Sears 14' flat wagon; other flat wagon; welder; torch; hay fan;

Auctioneers Note: Be on time no small items-starting on machinery.

Terms: Cash or good check day of sale, out of state checks only w/guaranteed bank letter of credit.

Owner,
PHANNAS L. ARTLEY

Conducted by
Fraley Auction Co.
(717) 546-6907

BURKHOLDER'S VALLEY VIEW SHOP

R.D. 5 Danville, PA.

DOOR PRIZES DOOR PRIZES

PUBLIC SALE

FARM EQUIPMENT, SHOP TOOLS, NEW & USED LAWN & GARDEN EQUIP. HARDWARE SUPPLIES

SATURDAY, NOVEMBER 5, 1983
9:30 A.M.

Location: 3 miles south of Danville, just off Rt. 54 at rear of Crest Haven Farm Market. 5 miles north of Elysburg, Northumberland Co., Pa. Watch for yellow sale sign.

FARM EQUIPMENT

1964 Ford 4000 4 Cylinder Gas Tractor (recently overhauled) with Sauder Hyd. Bucket Loader, Chains and Heat Houser; 1960 Ford 1½ ton 10' Stake Body Truck; John Deere 2-14" Trip bottom 3 pt. Plow; Dearborn 2 Row Rear Mounted Cultivator; Ford 3-14" Plow; Ontario 14 Disc Drill; 14 Hoe Drill; New Holland 36 Flail Chopper; 9' Brillion Cultipacker; Harrow-Roller combiner; Hyd. Cylinder with hoses; Log Chains; Chain Binders; Wheelbarrow; Garden Seeder; misc. Used Lumber; plus more farm related tools.

NEW-USED LAWN & GARDEN EQUIPMENT

New 8 H.P. Dixon 30" Riding Mower with Grass Catcher; New Honda Self-Propelled HR 21" Mower; New Mono 20" Push Mower; 8 H.P. Mark Master 30" Riding Mower, like new; 6 H.P. Snapper 26" Riding Mower, completely rebuilt; several used Push Mowers; 8 H.P. Am Pro Rear Tine Tiller, demonstrator; new Versa Tiller with Front Tine Tillers; New 5 H.P. Honda Rear Tine Tiller; 5 H.P. David Bradley Garden Cultivator; New Stihl Brush Cutter; Stihl 011 Chain Saw, good condition; several used Chain Saws; lot of Sawed Fire Wood; Scrap Iron; 5' Parts Counter with glass top.

SHOP TOOLS — HARDWARE

Coats Tireman Tire Mounting Machine; Tire Mounting Bead Seater; Tire Hammer and Irons; Bubble Balancer; Wheel Balancer Weights and Tool; Westinghouse 130 Amp. Welder, like new; Lincoln A.C. and D.C. Welder; Welding Rods, Hood and Clamps; Valve Grinder; 2-Valve Seat Grinders; ½ H.P. Air Compressor; 50' Air Hose; Electric Ignition Tester; ¾" Drive Socket Set with Impact Sockets; ½" Electric Drill; 2 Car Stands; Hyd. Jack; Work Table; 2 Shop Stoves; New 4'x6' Advertising Sign with changing letters; New Batteries, Booster Cables and Battery Cables; Battery and Anti-Freeze Tester; New Cable Winch Pullers; lot of Bolts; 2 Bolt Bins; Misc. New and Used Hand Shop Tools; New House and Barn Brooms; New Alum. Shovels; New Forks; Gloves; New Boots and Rubbers for entire family; Misc. Motor Oil in cases and 5 gal. pails; lot of 1 gal. Anti-Freeze; Bar and Chain Saw Oil; Grease Tubes; Starting Fluid; Dry Gas; Liquid Wrench; WD40; plus more supplies not listed. 6% sales tax will be collected on inventory items.

DOOR PRIZES

Persons eligible for door prize must register before starting time and be present at drawing at end of sale. Come early and enjoy the day with us.

Sale for
ELI BURKHOLDER, Owner
717-275-2367

Auct.
Nevin Z. Martin & Lewis B. Groff
Clerks: Martins

Lunch Stand
Not Responsible for Accidents, No Out of State Checks

AUCTION SALE

CONST. EQUIP., TRUCKS & TRAILERS

THURSDAY, NOV. 3, 1983
10:30 A.M.

FOR: B&J Const. Co., Kissel Hill Rd., Lititz, Pa., just behind Lancaster Mun. Arpt.

Many items to be sold incl.: (2) Cat 955L & 955K Loaders; (4) Case 580C & 580B Backhoes; Insley H560B Excavator; Cat 212 Grader; Skid Loader; Compressors; (2) 78 IHC & Ford Dumps; 78 Chev. 4x4 Pickup; (2) 68 Tk. Tractors; 25 ton Lowbed; 20 ton Tilt Deck Trl.; Transit & Tripod; Air Tools; Welder; Pressure & Power Washers; Vises; Wrenches; Drills; Blasting Mats; Pumps; Parts; Metal Fencing; Sledge Hammers; Asphalt Cutters; Jack Stands; Creepers; Grinder; Space Heater; Luber; Hardware; Snow Plows, & MUCH MORE.

TERMS: Complete payment sale day in cash or guaranteed funds only.

Write or call for descriptive brochure:

VILSMEIER AUCTION CO., INC.
Rt. 309
Montgomeryville, PA. 18936
(215) 699-5833

AUCTION

REAL ESTATE & PERSONAL PROPERTY

468 Grant St., Phoenixville, corner of Fairview & Grant St.

SATURDAY, OCTOBER 29, 1983
9:30 A.M.
Real Estate 12 noon.

REAL ESTATE consists of brick house: living room, dining room, kitchen, 3 bedrooms & bath, large attic. Gas fired hot water heat. Public sewer & water. Garage 30'x24'. Lots of old shade. Situated on 1 Acre lot. 300 ft. front on Grant St. Room for 3 building lots. House is in mint condition.

Inspection Oct. 23, 2 to 4 p.m. Inspect it & come to the sale prepared to bid what you are able to pay. 10% down, bal. 60 days.

TRUCKS & TOOLS

1951 Ford F.3 ¾ ton Pick-up 33,712 miles; 1938 1½ ton Dump Truck by Dodge Bros. Both mint condition, no cancer. Large air compressor, Dodge engine, 2 rubber tire wheelbarrows, elec. & plumbing tools, grinding wheels, dolly, 275 gal. oil tank, come-alongs, fire ext., chains, sledge hammers, drills, saws, socket sets, shovels, forks, rakes, drop cords, tool boxes, tree trimmers, nuts, bolts, hand & garden tools, Toro mower, Eclipse mower, etc.

LUMBER, BRICKS, CEMENT BLOCKS ETC.

Lot select fir lumber: 2x6, 2x8, 2x12, 20 ft. long; pile 2x10's 18' long; lot 2x10's 24 ft. long; plus misc. lot. Quantity of Building Stones, Cement Blocks, some Flagstone. Approx. 100 fence posts, several thousand Bricks, several eye beams, lot form stakes, 10 sections Cast Iron Fence, lot wire, galv. pipe & fittings & tools, angle iron, set Scaffolding, mortar box, metal triple track storm windows & misc.

FURNITURE, ETC.

Mahog. poster bed, Colonial sofa & matching chair, 10 pc. dining room suite, 4 pc. kitchen set, Chord Organ, Panasonic Stereo w/technics turntable, cassette player & recorder w/2 speakers, stands, tables, Zenith color Television w/remote control, library table, oak mirror back sideboard, oak square table, corner table, 2 Electrolux sweepers, GE dryer, 2 Maytag wringer washers, Samsonite luggage, Xmas dec., small elec. appliances, lot of china, glass, dishes & cooking utensils, linens & crochet pcs., lamps, mirrors, bookcase, stools, Singer sewing machine, Commercial Singer sew machine, 3 air purifiers, Hotpoint refrig., base cabs., AMERICAN FLYER TRAIN SET (#320 Hudson locomotive), early Violin dated 1713 & many other items. ORDER OF SALE: Tools 9:30, Real Estate 12 noon, Furniture 1 p.m.

By order of
WALTER SMOLA

Clay C. Hess & Richard J. Moyer, Aucts.
489-7127 or 948-8050

489-7127 948-8050
HESS & MOYER
AUCTIONEERS
115 HESS ROAD • COLLEGEVILLE, PA 19426

AUCTION

TRUCKS, CONTRACTOR'S EQUIP. TOOLS OF ALL KINDS

SATURDAY, NOV. 5, 1983
10:00 A.M.

3 mi. S. of Kenhorst, 5 mi. S. of Reading. From intersection of Rt. 724 & 625, take Rt. 625 to Hickory Road. Watch for sale signs.

HEAVY EQUIPMENT: 1966 Fleetstar 2000 Diesel dump truck; B.61 Mack Diesel tractor & Martin Low Boy trailer (very clean); Schramm 125 air compressor; J.D. 9 ft. Hay Conditioner; circular saw, power take-off for 8N Ford, Tramar hammers, acetyline tanks & torches, elec. welder, elec. hammer, elec. hack saw, elec. pipe cutting machine, elec. salt spreader, Century construction heater, salamander, rock drill, drawing table, Danhuser post hole digger, tools, etc., 50 gal. new paint, many racks of nuts & bolts, huge quan. of Plumbing Tools, chain block, 6 screw jacks, concrete tools, lot heavy chains, truck & tractor chains, forge, 2 anvils, drill press, transit, many truck jacks, kerosene tank, lot forms & scaffolding, alum. ext. ladder, lot snow fence & barricades, port. gas tank fits on pick-up, air comp. chisels, 2 coils steel cable, lot cement hammers, 2 wheelbarrows, cast iron kettle, quan. cast iron fence, gas cans, 500 plant pots, etc. This is a liquidation of excess equipment & tools.

By order of
HAROLD TROUTMAN

489-7127 948-8050
HESS & MOYER
AUCTIONEERS
115 HESS ROAD • COLLEGEVILLE, PA 19426

OUTSTANDING 2-DAY PUBLIC AUCTION

OF VALUABLE ANTIQUES & COLLECTIBLES ON FRIDAY, OCT. 28, 1983 and SATURDAY, OCT. 29, 1983

at 9:30 A.M.

each day at the Pennsylvania Guernsey Breeders' Sales Pavilion, 5 Miles East of Lancaster, Penna. on Route 30 East.

From the collection of the late Gerald W. Hambleton & of Mildred C. Hambleton, operators of J & M Antiques of Lancaster, Penna. Outstanding collection consisting of furniture, dolls, dishes, glassware, primitives & collectibles. We mention in part - 2 corner cupboards, 5 Dutch cupboards, plank rockers, Windsor chairs, deacons bench, several desks, pie safe, tables, spinning wheel, spool cabinets, 5 over 4 chest of drawers, odd chairs & stands, very good old dolls, hanging lights, banquet, piano & bracket lamps, many miniature, whale oil, finger & other kerosene lamps, lanterns, approx. 35 prints in Currier & Ives, N. Currier & Kellog, approx. 40 pcs. of Mary Gregory glass, hundreds of very good pcs. in dishes & glassware in many categories, a general line of antiques, primitives & collectibles in many categories, plus much more. For a more complete listing, call or write for sale flyer. PREVIEW SHOWING: Thurs. eve., Oct. 27, 6 P.M. to 9 P.M. Doors open 1 hour prior to auction each day.

Order of Sale: Friday, Oct. 28, 9:30 A.M. Gen. line of small antiques & collectibles, 1 P.M. Dishes & glassware, 3 P.M. Currier & Ives & other prints, 6:30 P.M. Dolls & all Mary Gregory glass. Saturday, Oct. 29: 9:30 A.M. Gen. line, dishes & glassware, 11 A.M. Hanging lights & lamps, 1 P.M. Furniture, followed by items not yet sold.

Conditions of sale: Cash, Certified or Travelers checks. Please consider this a cash sale unless your personal check is accompanied by a current letter of reference from your bank.

Sale Conducted by
GILBERT'S AUCTION SERVICE
R.D. #1,
Wrightsville, Pa. 17368
Phone 717-252-3591
Auctioneer & Sales Manager
Jacob A. Gilbert

GUN AUCTION

APP. 100 GUNS, JEWELERY, WATCHES, DIAMOND RINGS, KNIVES, COINS, ETC.

Located at 901 Elm St. Watsontown, Pa.

SUNDAY, OCTOBER 23, 1983

Starting 1:00 P.M.

1873 trap door carbine, Win. 37 12 ga., Beretta 20 ga over-under, 38 cal Enfield British survival pistol, Ithaca 37 16 ga. featherweight, Ithaca XL 900 12 ga semi; Zabala 12 ga dbl brl; Win 760 243 w/scope, Win. 700 270 blot w/scope, Rem 1100 12 ga, Stevens 311 410 dbl brl., Charles Daly over-under 12 ga fancy-mint, Franchi 12 ga over-under, fancy, mint, Win. pre 64 94 30wcf Rem. 29 12 ga w/match serial #, Rem. 1100 12 ga pump, Rem. 760 300 sav.; Win 67 22, Win. classic mod. 94, 1100 semi 20 ga, Rem. 1100 410; Win 94 30-30 w/saddle ring, 1873 Springfield trap door; Win 88 308; many many other guns not listed including Win. commertives such as Alaskan, Nebraskan, Wyoming, etc. in boxes unfired, 13 gold pocket watches, 2 diamond rings, quantity of all kinds of knives, hundreds of coins inc. silver dollars, dimes, quarters, dbl die 72 pennies; much more

TERMS: Cash or check w/guaranteed bank letter of credit

Seller,
RON HOEY

Conducted by Fraley Auction Co.
(717) 546-6907
For full list call Auction Co.
Lunch - Tent if inclement.

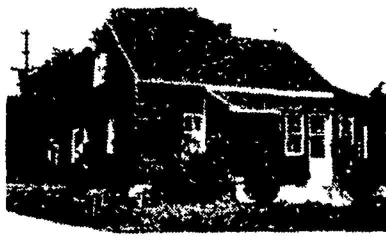
PUBLIC AUCTION

11 ACRE FARMETTE WITH HOG OPERATION

SATURDAY, NOV. 5, 1983

Sale Time 2:00 P.M.

Location: Between Lebanon and Reading along Rt. 422 at Myerstown. Take Route 501 North to Bethel. At north end of Bethel take Interstate 78 East to next exit, Exit 5, Midway Exit. Take Midway Road north ½ mile to Schubert Road, turn right, go to first road right, Kline Road. Turn right to first farm on left. Bethel Township, Berks County, Pennsylvania.



1½ STORY FRAME DWELLING

containing on first floor: eat-in kitchen with built-in cabinets; sunken living room, dining area, sewing room, family room with Hearth Flo wood stove and patio doors, full bath, laundry room, mud room Upstairs; 3 bedrooms New Yorker furnace, like new, oil fired hot water heat with 3 zones, S&W hookup, well with new pressure system and tank, 200 Amp electric service, electric hot water heater; storm windows, some wall to wall carpet, almost new roof

Also included 1960 MOBILE HOME, 10'x50', 2 bedrooms, kitchen, dining area; full bath. Attached 12'x16' living room, oil heat, a NEW drain field to service both home and mobile home.

HOG OPERATION INCLUDES:

22'x66' building with 20 farrowing crates and nursery area, with heat in floor, oil fired furnace. 32'x32' open front building for gestation area or fattening hogs

ALL MANURE PITS ARE 8 FEET DEEP

INSPECTION. At Open House, Saturday, October 22nd and October 29th, 1983, from 12:00 noon to 3 00 p.m, or by appointment Call 717-933-8392 Hog operation can be seen at Open House or by appointment All persons going through Hog House must use precautionary measures provided. All herein information is believed to be accurate but is being used for advertising purposes only.

TERMS: 10% down day of Auction. Balance at settlement in 30 days. Financing available to qualified buyers by PRIOR APPROVAL. To discuss financing call BLAIN FELSTER at 215-562-3866, FARM CREDIT, SHOEMAKERSVILLE.

NOTE: A very nice farmette with earning potential. A home of your own, plus an opportunity to collect rent from mobile home. All this on approximately 11 acrs. M/L. SEE IT NOW and prepare your financing.

Auction by:
RONALD B. & LINDA M. WANNER
Forrey & Forrey, Attorneys
Auction Conducted By:
John E. & Paul E. Martin, Auctioneers
Ephrata, Pa. 717-733-3305

PUBLIC AUCTION

VAL. 99 ACRE FARM, FULL LINE OF HOUSEHOLD FURNISHINGS, FARMALL H TRACTOR & ATTACHMENTS, ETC.

Located on farm 1½ miles N of Hughesville, Pa. off Rt. 220.

SATURDAY, OCTOBER 29, 1983

Starting 11 A.M. Real Estate 1 P.M.

App 99 acre farm w/app 50 acres tillable. 30 woodland, balance pastureland, 2½ story 7 room 4 bedroom plank home w/1½ baths, oil hot water heat, home in good state of repair, large bank barn w/attached straw shed & enclosed barnyard. Never failing spring, road frontage, etc Must be seen to be appreciated.

To view dial (717) 584-5233 or 546-6907.

RE TERMS: $10,000 upon striking down of property bal. in 30 days.

Owners,
LUTHER & IRENE HILNER

Conducted by
Fraley Auction Co.
546-6907

For full list call Auction Co.

AUCTION SERVICE

PUBLIC AUCTION

THURSDAY, OCTOBER 27, 1983

11:00 A.M.

HERD DISPERSAL FARM MACHINERY

Having Retired From Farming Will Sell At Public Auction:

42 Head Of Guernsey Cows - Home Raised - Stanchion Cows: Here Is A Well Cared For Herd - Properly managed. 30 Cows - 6 Fresh Since The First of September - 2 Due In November - 2 Due in December - Balance In Different Lactations. Announced Day Of Auction: 5 Heifers 14 Months Old - 3 Heifers 18 Months - Bred - 3 Heifers 15 Months - Open - 3-9 Months - 4-6 Months - 3-3 Months - 3-2 Months Old. T.B. & Bangs Tested Prior To Auction For Interstate Shipment.

Farm Equipment - Equipment Has Been Kept Indoors Very Clean & Very Good Condition: 400 Bales Of Barley Straw, J.D. 3010 Diesel 1400 Hrs. Since Overhauled P.S. Good Rubber Tri-Front, J.D. 630 Gas 14.9x38 Tires 3 Pt. Hitch P.S., J.D. 10' Transport Disc, J.D. Mt. 40 Tractor w/Loader & 2 Row Cultivators, J.D. #5 7' Sickle Bar Mower, Yellow Devil 20 Gal. Sprayer Fiber Glass Tank, J.D. 3 Pt. Mtd. 2 Row Corn Planter, J.D. 145 3 Bottom Plow, Bush Hog 5' Rotary Mower, Heavy Duty Farm Hand Wheel Rake, 5 Hay Wagons, 16' N.H. #331 Manure Spreader 100 Bu., J.D. FFB Grain Drill 13 Boot, J.D. #78 8' Scraper Blade, Ford Blower Rear Load w/40' Pipe 10", Case 32' Elevator 1 Hp. Elec. Fold-up Sides For Different Grains, Ford 532 Baler w/Belt Thrower, N.I. 7' Cutditioner, 8' Cultimulcher, Cyco Seeder, 2 Hyd. Cyl., Endless Belt, Buck Board Body, Buck Saw, 1 Hp. Craftsman Elec. Motor, Block & Fall, 2 Elec. Heaters, Battery Charger, Other Misc. Hand Tools, Etc.

Auctioneers Note: There Is Not A Lot Of Small Items To Be Auctioned, So Be On Time So You Don't Miss Anything. All Equipment Is Ready To Go To The Fields.

Terms: Cash-Good Check
Lunch Served

Auction Ordered By:
MR. & MRS. ARTHUR SNYDER
360 Post Rd.
Rising Sun, MD 21911

Auction Service By	Auctioneers:
Hunter's Sale Barn, Inc.	Norman E. Hunter
Ph. 301-658-6400	Parkes T. Williams
Rt. 276	
Rising Sun, MD 21911	

Directions To Auction: From Rt. 276 Turn On Hopewell Rd. At Y Bear Right, From Rt. 276 It Is 2.6 Miles To Farm On Right Hand Side. From Rt. 274 Farmington Rd. Turn On Post Rd. 2nd. Farm On Left. Signs Posted Day Of Auction.

AUCTION SERVICE

HUNTER'S SALE BARN, INC.
RT 276 - BOX 427
RISING SUN, MD 21911
301-658-6400
Norman E. Hunter, Parkes Williams

CECIL COUNTY'S LEADING
AUCTION SERVICE

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

MON OCT 24 2 P M Public Auction of 95 Acre Hog and Steer Farm Location- Take Route 322 to East End of Ephrata Turn left on Hahnstown Road, first road left after overpass Continue on Hahnstown Road approximately 2 miles to farm on left Ephrata and East Cocalico Twps, Lancaster County, Pa Auction by Harvey Z and Rebecca R Fox, Auction conducted by John E and Paul E Martin, Auctioneers

MON OCT 24 10 AM Public Auction of Machinery Located at [illegible] St Philadelphia, PA William F Comly and Son Auctioneers

MON OCT 24 10 AM Public Auction of Antiques Located at Eighth Alley just off Main St New Market, Frederick Co, MD Robert E Esterly, Owner Austin Bohn Auctioneer

TUES OCT 25 7 PM Public Feeder Auction Located at Carlisle Livestock Market just off I 81, exit 12

TUES OCT 25 - 5 30 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown Lancaster County Pa John J Rutt Auctioneer

TUES OCT 25 12 30 PM Public Auction of Farmette Located 1 mi south of Boyertown along Rt 100, entrance off Grosser Rd Montgomery Co PA K Milk Inc Owner Ralph W Zettlemoyer Auction Co, Inc

TUES OCT 25 2 PM and WED OCT 26 9 30 AM Public Auction of Primitives, Small Items Oak and Misc Furniture Located at Troxelville Antiques Troxelville PA Joe Herman, Owner Mark J Jones and Dale L Longacre, Auctioneers

TUES OCT 25 10 AM Public Auction of Gov t and Industrial Surplus Army Navy Goods Located at 2221 25 N Broad St Philadelphia PA Cap't Joe's Surplus Stores, Inc, Owner William F Comly and Son Auctioneers

WED OCT 26 10 AM New Holland Sales Stables Annual Dairy Show and Sale to be held at Sales Stables, located 12 miles east of Lancaster off Rt 23 at New Holland, Pa Abe Diffenbach, Manager

WED OCT 26 11 AM Public Auction of 300 Head Cattle Located at New Holland Sales Stables Annual Cow Show and Sale, show at 9 AM

Fall Feeder Sale

FRIDAY, OCTOBER 28, 1983

7:30 P.M.

Wyalusing Livestock Market
Rt. 6, Wyalusing, PA

717-746-1005
717-934-2278

PUBLIC SALE

OF REAL ESTATE, ANTIQUES, HOUSEHOLD GOODS, FARM EQUIPMENT, GUNS & COINS — FARMERSVILLE

SATURDAY, OCTOBER 29, 1983

SALE TIME 9 A.M. REAL ESTATE 2 P.M. COINS 3 P.M.

Located along E. Farmersville Rd. (between Brownstown & Hinkletown) Farmersville, West Earl Township, Lancaster County, PA.

22 ACRES (More or Less)
2½ STORY SIDED DWELLING

containing 5 bedrooms & full bath on second floor. First floor contains 3 rooms & kitchen.

Coal Stoker furnace — hot water. Well & cistern with 2 pressure systems.

BANK BARN, 2 CAR FRAME GARAGE & ATTACHED BUTCHER SHOP, CHICKEN HOUSE & OTHER OUT BUILDINGS. Small orchard.

This is a very desirable property with many possibilities. Approx. 262 ft. road frontage along E. Farmersville Rd.

For information call 656-7796 or 859-1286.

ANTIQUES & HOUSEHOLD GOODS

3 DRAWER WALNUT SLANT-TOP DESK with Blind Bookcase Top; 3 Grained Blanket Chests; Grained Wood Box; Antique Sideboard; Square Oak Extension Table; 6 Leg Dropleaf Table; Cottage Bureau; Empire Bureau; Child's Oak Roll-top Desk; Walnut Washstand; Spool Leg Parlor Table; Fiddleback Kitchen Chairs; 4 Decorated Fiddleback Boston Rockers; Decorated Half-Spindle Chairs; 4 Leg Walnut Dropleaf Table; Open Wash Stand; Grained High Chair; 4 FT. HUTCH CUPBOARD; Cedar Chest; Reed Fernery & Flower Stand; Fainting Couch; Morticed Bench; Gold Leaf Pictures; Quilting Frame; Quilt Patterns; Prizer Coal Range; Chest Type Freezer; Seth Thomas Shelf Clock; Antique Painted Parlor Lamp; Kerosene Lamps; Cranberry Water Set; Blue Wine Set; Stereo-Viewer; Post Cards; German Family Bible; DEEDS — Sheepskin & Other Early (1700's) Local Deeds; 1873 Sampler; 3 Wool Spreads; Counterpanes; 3 Quilts; Antique Quilt Patches; Fancy Work; Rag Carpet; Antique Pin Cushions; Crocks; Jugs; Baskets; Butter Churns; Butter Print; Wooden Tub; Brass Ladle, Crass Candleholder.

CHINA & GLASSWARE

5 Pc. "Washington Vase" Toilet Set; Gaudy Dutch Cup, Saucer & Plate, "Cabbage Rose"; Gaudy Dutch Bowl; "Aurora" Ironstone "Excelsior" Cups & Saucers; "Florilla" Tea Pot; 3 Antique Platters; "Rosetta" Plates & Bowls; Staffordshire Cup & Saucer; Pressed & Patterned Glass; Luster Mug & Creamer; "Blossom" Plates & Bowl; ABC Plate; Flow Blue Plates; "Staffordshire"; Ironstone Plates, Platters & Pitcher; Depression Glass; Carnival; Opalescent; "Goofus" Bowl & Vase; "General Taylor" Blown Bottle; Pewter Tablespoons; 2 Mosemann's Peanut Butter Tins; Planter Peanuts Tin; Ladle; Stainer; Spatula; Iron Skillets; Agate Colander; Slaw Boards; Pie Boards; Tin Cookie Cutters; Copper Wash Boiler; Apple Butter Stirrer.

GUNS — SAVAGE MODEL 2201D 20 Ga. Shotgun; Remington .32 Ga. Rifle, .22 Ga. Rifle.

FARM EQUIPMENT

ALLIS CHALMERS "B" TRACTOR, Plow & Cultivator; Hay Rake; Birch Walking Plow; Echo Chain Saw; Bolens Roto-tiller; Saw Buck & Blade; Brady Board Axe; Posthold Axe; Wooden Wheelbarrow; Platform Scales; Orchard Sprayer; 2 Hole Corn Sheller; Carpenter Tools; Large Copper Kettle; Iron Kettles; Iron Troughs; Kettle Hook; Digging Irons; Tobacco Lath; Bee Equipment.

COINS: 18 Silver Dollars; Silver Half Dollars; Old Pennies & Half Cents.

8 SHEEP

TERMS BY:
MARY M. MARTIN ESTATE

T. GLENN HORST, AUCT. 859-1331
TIMOTHY G. HORST, AUCT. 738-1245

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

WED OCT 26 - 7:30 PM Public Auction of Holstein Steers. Located at Shenandoah Valley Livestock Sales, Inc, 1044 Edom Rd, Harrisonburg, Va

WED OCT. 26 - 9 AM Public Auction of Antiques. Located at the Lemaster's Community Center, Lemasters, PA, 13 mi southwest of Chambersburg, Franklin Co, PA, 1 mi east of 416 at Marks, PA. Walter and Juanita Golden Coopey, Owners. J Robert Meyers, Auctioneer.

WED. OCT. 26 - 8 PM Public Auction of Cattle Located at Terra Alta Livestock Market, Inc, Terra Alta, WV.

WED. OCT 26 - 9 AM 1st Consignment Auction to be held at Sugar Valley Welding. Located 2 mi. west of Loganton, PA. Ben Esh and Paul King, Managers. Fraley and Petersheim, Auctioneers

WED OCT. 26 - 11 AM Public Auction of Personal Property and Truck Located at 109 N Main St, Shrewsbury, PA Estate of Earl H. Helfrich. Blaine N Rentzel, Auctioneer.

WED. OCT 26 - 7.30 PM Public Auction of Cattle Located at the Fairgrounds, Frederick, MD. Fall Invitational Holstein Sale Remsburg Sale Service

THURS. OCT. 27 - Public Auction of Swampy Hollow Registered Holstein Herd. Located on the farm in Cochranville. John M. Umble and Sons, Owners Backus Associates, Auctioneers

THURS. OCT 27 - 6 PM Public Auction of Books. Located taking Rt 34, ½ mi. north of Gettysburg, bear right at Y at car wash and continue 2 mi on Table Rock Rd. to auction site. Dr. B.F.M. MacPherson Estate. C. David Redding, Auctioneer

THURS. OCT. 27 - 10 AM Public Auction of over 135 Vehicles Located at the American Can Co., facility on North Union Ave., in Hillside, NJ. New Jersey Roll, Owner Vilsmeier Auction Co., Inc.

PUBLIC AUCTION AT GOODS AUCTION

111 N. Maple Ave.
Leola, Pa. 17540

Hay - Straw - Corn

Every Wed. at 12:00 Noon

No Out of State Checks

Good's Auction

PUBLIC SALE OF ANTIQUES

To be held at Kauffman Community Center
on

SATURDAY, OCTOBER 29, 1983

starting at 8:30 A.M.

Location: 3 miles north of Greencastle, Franklin Co., PA. From Rt. 11 one mile east of Crossroads Dairy. From I-81, at Exit 3 take Allison Street, Greencastle, 3 miles north.

FURNITURE: 10 decorated plank bottom chairs, hald spindle, thumb back; pair of butterfly windsors; decorated plank bottom deacons bench 10 ft.; arm chair, ball and claw feet, cabriole legs, acanthus carved knees, this chair was carved by Frank Feathers in 1915 (a marvelous piece of work); cherry school master's desk, dove tailed with reeded Sheraton legs; old farm table, one drawer, old red paint; high walnut arm chair for desk; miniature chest of drawers; walnut and cherry; walnut and cherry small chest; small walnut commode; decorated tin pie cupboard; 2 trunks, one Jenny Linn, one dovetailed; carpenter's chest with till; 2 large dough bowls; walnut mirror with comb case; 2 hanging cupboards; carved box, old blue paint inside; dovetailed butter box; several old rockers; several child rockers; several child straight chairs; wooden shovel and 2 wooden schoops; fine mahogany wardrobe with dovetailed drawers; a number of miniature dovetailed chests; old walnut dovetailed ballot box; old salt box; dovetailed box 10"x20"; old decorations; small walnut drop leaf table; softwood stand with drawers; shaker candle box; hidden dovetails; cherry two drawers night stand with drop leaves; cherry tilt top stand with tiger maple pedestal; shaker bride's lace box two tier; old wooden cookie container with lid 10" wide 8" high; 2 old trays, one mahogany and one decorated heavy tin; tiger maple titt top stand with bird cage; etc.

Frank Feathers carvings: Cane, bible; spoon and arm chair.

John Bell: Canning jar with lid; 2 jelly molds; spittoon; butter tub with rope handles; John Bell type spaniel.

Dishes: A miscellaneous group of dishes, including #4 Flow Blue cups and saucers; Blue and White cake container (Wedgewood); pitcher and 6 glasses, cherry pattern, marked N (Perfect); table setting, cherry pattern, marked N; 6 Azalea double handled cups and saucers; Azalea teapot; 9 piece set of Gazelle pattern, including 6 handless cups and saucers, sugar bowl, creamer and teapot; 2 large meat platters, 3 Cranberry souvenier pieces; 3 blown cruets, 3 wines, 1 pair pink overlay salt and peppers; very fine creamer and sugar R.S.; 1 knife rest; 2 cut glass bowls; 1 Bull's eye candy container with lid; 1 brass bird cage with 4 ft. brass stand; collection of china bird whistles; cut glass vase, etc.

Wood carvings: very old dog 6" high, either Schimmel or Mountz from Carlisle area; 2 wooden bears; flower holder; 2 nut crackers; 1 dipper; rare, unusual wood carving under glass dome; etc.

Miscellaneous: Pair of singing birds in cage; salesman sample stove (Reading) 18" x 14"; set large sleigh bells; French china clock; 2 large brass hand bells; fine Dresden light, with cherub decoration on stem; very fine cherry boy and girl, procelain, very heavy; brass sewing bird dated; brass buckets; copper measures; ten plate stove made in Greencastle (good); wooden barrel pump; collection miniature butter prints; bark canoe 16"; goat wagon, wooden wheels and seat, 4 ft. x 2 ft.; unusual cabbage cutter; one horse wagon, with box bed, seat and shaft; dog treadmill (perfect); horse radish shredder; inkwell; salesman sample whaffle iron; still banks; several miniature lights; decorated sugar bucket; 3 water kegs; 15 pieces pottery including jugs, jars, crocks, some decorated; 15 baskets; 2 rare Havana cigar boxes, crockery with figurines on lids; etc.

Auctioneer Note: As usual, beautiful items. Mr. Meyers puts togethers "A real" sale. Inspection sale day at 7 p.m. Terms cash.

NELSON MYERS

8447 Browns Mill Road
Greencastle, PA 17257
Phone 717-597-2672

Auctioneer
J. Robert Meyers
Clerks
Smith and Alleman

HATFIELD GALLERY AUCTION

Fairground Road
Hatfield, PA

Every Tues. and Thurs.
6 PM
215-368-6646

PUBLIC AUCTION

VALUABLE REAL ESTATE, ANTIQUES & FARM MACHINERY

SATURDAY, NOV. 5, 1983

8:30 A.M.
Real Estate 11:00 A.M.

Located south of Lititz at 320 Rudy Dam Road. From Rt. 501 turn onto Owl Hill Road at Stauffer's Market, go to Rudy Dam Road, turn right. Auction is on right. NOTE: Auction Will Begin With Farm Items.

REAL ESTATE: Farm located in Warwick Township containing 2 tracts of land. Land totaling 38 acres m/1. 6 acre tract to be offered separately and totally. Erected thereon 8 room farm house with 5 bedrooms, living room, dining room, kitchen, laundry and bath. Also large bank barn, tobacco shed, corn barn and various other farm buildings. You may inspect this property October 22, 1:00 P.M. to 4:00 P.M. **Terms: 10% down day of sale, balance in 45 days.**

ANTIQUES: Heart decorated blanket chest dated 1826 with Elizabeth Eitnier's name, small Lehn chest, high walnut bed, marble top dresser and washstand, grain bags, H.H. Lehn, Borcholder, John Witmoyer, Joseph Lehn's workbench, cane seat chairs, ½ h.p. New Holland gasoline engine, wooden pulleys, oak chunk stove, yokes, double trees, sleds, seeder, tools, unusual wooden wheelbarrow, 2 horse plow, miller's tub, hames, 1 hole corn sheller, 2 hole corn sheller, fat press, milk cans, sleigh, harness, scalding trough, Lititz Fair sign, oats scoop, bag holder, grain forks, M.B. Young wooden fork, platform scale, Bentz, Wissler and other iron troughs, burlap bags, flour chest, cast iron cook stove, Davis Swing churn, shaving mugs, stoneware, china, bee hive basket, other baskets, oak side board, pictures, library table, milk glass, stands, tables, oak bed, benches, books, iron tea kettle, pattern glass, egg crates, early coaster orig. paint, folding high chair, 6 pressed back chairs, glass top jars, milk buckets and kettles, crocks, graduated sleigh bells, shaft bells, saddle bells, tin items, Victrola, youth chair, book case, press back high chair, pie board, empire bureau, agateware, iron dog and rabbits, muddie marbles, large marble, ABC blocks, dining room suite, early wooden ice skates, skating lantern, canes, brass bucket, oak wash stand, dark carnival glass, Northwood vases, shelf and mantle clocks, blue decorated gallon jug, butter scale, wooden rake, beam scale, hooks, wooden wheel express wagon, New Holland battery box, ext. table, straight razors, eye glasses, Remmington 12 ga. pump mod. 29, shot gun shell reloader, quilts and blankets, twin rope beds, pair brass kerosene lamps, trunks, kitchen cabinet, organ stool, pump organ, towel rack, vases, sherberts, stemware.

MISCELLANEOUS: Elec. Victrola, Duro Therm. heater, 275 gal. oil tank, 275 gas tank and pump, household items, Amana gas range.

FARM MACHINERY: John Deere B tractor, saw for JD B, New Idea tobacco planter, corn planter, 2 row corn planter, MC Deering grain drill, tobacco press, small irrigating pump, spike tooth harrow, approx. 3000 tob. lath, air compressor, portable air tank, New Idea single row corn picker, wagon, John Deere A tractor, Smoker elevator, JD side rake, 1951 Ford pickup truck, Model T Ford coils, JD 7' mower, pipes and scrap iron, David Bradley garden tractor, lawn mowers, rolls of fence wire, used lumber, tractor chains, Planet Jr. cultivator.

Food by Lititz Mennonite Sunday School

Sale By
J. WARREN SNAVELY
& MARIE SNAVELY

John Gibbel, Attorney

E.M. Murry Associates

287 Lime Rock Road
Lititz, PA 17543
Elmer Murry 626 5244 626 2636
Richard Murry 626 8175 949 2280
Ken Miller 665 2073
·Professional Auctioneers
Appraisers and Advisors
Since 1953

PUBLIC SALE

PERSONAL PROPERTY & TRUCK

WED. OCT. 26, 1983

11:00 A.M.
LOCATED: 109 N. Main St.,
Shrewsbury, Pa.

PERSONAL PROPERTY

Office chairs, 6 file cabinets, (2) metal desks, (2) cash registers, old picture frames, glass vase, costume jewelry, breakfast set, bed, dressers, lamps, living room suite, glassware, flatware (forks & knives), electric drills, stool, refrigerator truck, fireplace screens, nails, metal cabinet, J. C. Hoggens Bolt Action Shotgun, rifle, 25 cal. pistol, & many items not mentioned.

TRUCK

1975 Custom Ford F150 Super Cab Pick-up, automatic, 21,000 mi.

Estate of
EARL H. HELFRICH
Executor:
THE YORK BANK & TRUST CO.
Attorney:
HARRY O'NEAL

AUCTIONEER:
Blaine N. Rentzel
Emigsville, Pa.
717-764-6412 or 717-266-1671

PUBLIC SALE

OF 76 ACRE FARM, 2 ACRE LOT AND FARM EQUIPMENT

SAT., NOVEMBER 5, 1983

@ 10:00 A.M.

DIRECTIONS: From Lebanon take Rt. 72N approx. 3 miles, turn left at Bachmans Used Cars on Horst Drive, then left on Black Oak to 2nd farm on right. Swatara and North Annville Townships, Lebanon County, Pa.

REAL ESTATE TO BE SOLD @ 11:00 A.M.

HOUSE: 2½ story Log Dwelling. 1st floor has Kit., Din. Rm., Liv. Rm., and Den, plus attached Summer House. 2nd floor has 5 Bedrms. and full bath. No Central Heat.

BANK BARN: Stone & Frame, 40' x 72'. Open stalls w/cement floor; Tin roof. Barn is well constructed.

EQUIPMENT SHED: 20' x 30' with tin roof.

HOG PEN: 16' x 20' with slate roof.

WATER SUPPLY: Hand dug well and pressure system, 1 yr. old.

SCHOOL DISTRICT: Northern Lebanon or Annville.

ZONING: Agricultural

GROUND: 56 Acres of good tillable sandstone soil w/remaining in pasture. 30 tree Pear Orchard; 60 tree Apple Orchard; Raspberry patch, Terrain of this farm is gentle to rolling with a quiet secluded setting. New Pond, nicely landscaped, fed by stream and springs.

BUILDING LOT: Approx. 2 acre lot located along Black Oak Rd.

TERMS: 10% down day of sale, settlement within 60 days. Inspection anytime by appointment. Call HORNING FARM AGENY, INC. @ 215-286-5183.

FARM EQUIPMENT & CATTLE

1981 1086 Int. Diesel Tractor w/cab, A/C, P.S.; 4600 Ford Diesel Tractor; 315 New Holland Hay Baler, with Kicker; New Holland 9' Hay Conditioner; New Idea Side Delivery Rake; 3 - 16' Kicker Wagons; 16' Flat Bed Wagon; Ford 4 Bottom 16" Plow; 11 tooth Chisel Plow; 10' Disk; 7' 3 pt. Blade; Grain & Hay Elevator; Grass Seeder for Garden Tractor; 6' Fertilizer Spreader for Garden Tractor; 5 Pigs; 1 Simmental Bull, 3 yrs. old; 1 Hereford Cow (bred); 2 Hereford Calves; 1½ Floors of Mixed Hay & Approx. 8 Tons of Straw; New Fence Wire & Fence Posts; New 16' Fence Boards; 16' Sections of Heavy Barnyard Wire; Various types of Bldg. Mat'l; Drains; Shingles; Lumber; Bldg. Paper; Horse Saddle & Bridle; Pony Saddle & Bridle; Tools; Forks; Shovels; Nuts; Bolts; Car Parts; Wheels; Batteries; Many Other Items Not Mentioned.

TERMS BY:
JASON & BONITA PROPST
Atty: Sam Wise, Jr.
Alvin Horning, Auctioneer
HORNING FARM AGENCY, INC.
Main St., Morgantown Pa.
215-286-5183

LUNCH AVAILABLE

PUBLIC SALE

OF 110 ACRES+
FARM REAL ESTATE

POTENTIAL DEVELOPMENT **HORSE FARM**

SATURDAY, OCTOBER 29

11:00 A.M.

LOCATED: Littlestown, Adams County, Pennsylvania. (Route 194 south from Hanover to Littlestown, turn right on Basehoar School Rd., 1 mile to farm lane on left).

110 ACRES +

Level crop land located in Union township adjoining Littlestown Boro., with 1833' hard road frontage on Basehoar School Rd., 98.3 acres tillable, 2.6 acres pasture, 6.6 acres woodland & 2.5 acres buildings. This land also joins Littlestown sewage system.

8 room, 2½ story brick farm house with asbestos shingle roof, attached frame summer house and wrap around porch. Large brick-end bank barn, metal roof; cement block milk house, frame corn barn, frame garage; hog pen. The house, barn and outbuildings are clustered at end of ¼ mile lane and nestled among large shade trees, fruit & nut trees.

***** TERMS & CONDITIONS OF SALE *****

10% Down payment (Cash or Certified Funds) day of Sale; Balance to be settled on or before December 30, 1983, possession at settlement.

NOTE: Here is a real Farming & Investment opportunity - Level crop land, with hard road frontage, excellent location for potential development, horse farm & etc.

FOR INFORMATION & INSPECTION BY APPOINTMENT CONTACT:

OWNER:
S. EDWARD MURPHY
36 York St.
Hanover, Pa. 17331
Attorney: C.A. Lingg
Hanover, Pa.
Daytime: 717-632-6100 (9-11:30) A.M.
Evening: 717-637-6904 (Before 7) P.M.

AUCTIONEER:

Blaine N. Rentzel
P.O. Box 222
Emigsville, Pa. 17318

Daytime: 717-764-6412
Evening: 717-266-1671

PUBLIC SALE

82 ACRE FARM

Southern York County

FRIDAY, OCTOBER 28, 1983

Located: Off Interstate #83 at Exit #1 - Take #816 toward Stewartstown to Adams Electric Coop Bldg. Turn right, go to Ridge Rd. 2 miles to sale on right. Watch for Signs.

1:00 P.M. 82 ACRE FARM 1:00 P.M.

This Real Estate will be offered in 2 tracts and then jointly.

TRACK #1 — Containing 57 acres with a 2½ story frame house, has aluminum siding, new roof, large kitchen, living room & dining room on 1st floor. 3 bedrooms & bath on 2nd floor, cement basement, & oil fired, 2 zones hot water furnace. A horse stable contains 5 box stalls plus storage & work area. Bank barn remodeled for cattle feeding, storage buildings, 2 story block poultry house, frame summer house and stone spring house, flow of spring empties into a small pond. There is post and rail fencing for training area and pasture.

TRACK #2 — Containing 25 acres with approx. 500 ft. of road frontage on Ridge Road with no improvements.

This property is located in Hopewell Twp. and also in Shrewsbury Twp., Deer Creek flows through the rear of the property. Only ½ mile from Pa. and Md. line, 4 miles from Interstate #83, 35 acres tillable, 30 acres pasture, 5 acres are wooded. Balance in building area, zoned conservation.

TERMS: 10% Sale Day - balance in 45 days. For information on Real Estate, phone owner or Auctioneer.

Sell For:
PRODUCTION CREDIT ASSN. OF YORK
3301 W. Market St., Box 2427
York, PA 17404
Ed Heindel or Jeff Tyson
717-792-2641

AUCTIONEER:
Blaine N. Rentzel
Emigsville, Pa. 17318
717-764-6412
717-266-1671

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

THURS OCT 27 1 PM Public Auction of Dairy Farm Located at RD 1, Ephrata, Lanc Co , take Rt 272 north of Ephrata to Rocky Ridge Auto Sales on left, turn left onto Schoeneck Rd approx 2 mi to farm lane on right Harold and Sharlene Weiler, Owners Randal V Kline, Lloyd Kreider and Roy Good, Jr , Auctioneers

THURS , FRI , and SAT OCT 27, 28 and 29 - 9 30 AM Public Auction of Carriages, Sleighs and Antiques Located at Martin's Sales Pavilion, Intercourse, PA Martin Auctioneers Inc 717 768 8108

THURS OCT 27 - 11 AM Public Auction of Cattle and Farm Machinery Located from Rt 276 turn on Hopewell Rd at Y bear right, from Rt 276 it is 2 6 mi to farm on right hand side, from Rt 274 Farmington Rd , turn on Post Rd , 2nd farm on left Mr and Mrs Arthur Snyder, Owner Norman E Hunter and Parkes T Williams, Auctioneers

FRI OCT 28 - 1 30 PM Public Auction of Fall Dairy and Heifer Located at Penns Valley Livestock Auction, Centre Hall, PA Ron Gilligan, Auctioneer

FRI OCT 28 - 6 PM Public Auction of Heifers Located at Keisters Middleburg Auction Sales, Inc , Rt 522, 3 mi east of Middleburg, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Robert Mullendore, Auctioneer

FRI OCT 28 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI OCT 28 11 30 AM Public Auction of Farm Equipment Located 5 mi north of Boyertown, turn off Rt 100 in Bally at the Bally Bank Bldg onto S 7th St for approx 3 mi , at the Landis Poultry Farm, Montgomery Co , PA George and Brenda Bisbort, Owners Ralph W Zettlemoyer Auction Co , Inc

FRI AND SAT OCT 28 and 29 - 9 30 AM Public Auction of Antiques and Collectibles Located at the PA Guernsey Breeders' Sales Pavilion, 5 mi east of Lancaster, PA on Rt 30 East Jacob A Gilbert, Auctioneer

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FALL INVITATIONAL HOLSTEIN SALE

At the Fairgrounds - Frederick, Maryland

WED. EVE., OCTOBER 26

7:30 P.M.

50 HOLSTEINS 50

40 Registered - 10 Grades

Nearly all recently fresh or springing young cows and bred heifers. A few registered calves and open heifers. Three service age bulls.

Excellent Bloodlines

Daughters of Pawnee Farm Arlinda Chief, Straight Pine Elevation Pete, Hanover Hill Triple Threat, Mark A, Magnet, Tippy, Jemini, Glen Valley Star, Fury Ivan, Board Chairman, Ca-Lill Standout Cavalier, Creek Bluff Elevation Lester, and others by good sires.

Plenty of Production

Many from dams with over 20,000M. Nearly all fresh or due near sale day.

The Bulls

Large enough for service and with outstanding pedigrees.

These Sell:

A Board Chairman calf born September '83 from an 83 pt. 4% dam with 607F, gr'dam VG with 765F.

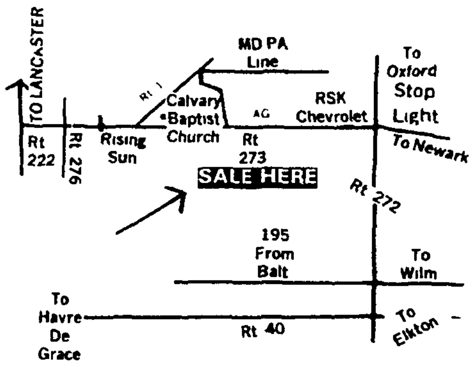
A Pawnee Farm Arlinda Chief due in November to Astronaut from a GP dam with 632F, grand dam EX with 920F.

A Magnet daughter bred to Spirit from a VG Elevation dam who has 858F.

Others with good pedigrees and production.

Tested for Interstate Shipment.

Sale Manager
REMSBURG SALE SERVICE
P.O. Box 177
Jefferson, Md. 21755



ABSOLUTE PUBLIC AUCTION OF USED & NEW FARM EQUIPMENT

SATURDAY, OCT. 29, 1983

10:00 A.M.

TRACTORS

- Farmall H
- IH 684D
- JD 4520D, PS
- JD 4010D
- JD 440 Crawler/Dozer
- Kubota B7100D 4 WD w/loader
- JD 110 Lawn
- Case 1212

LOADERS

- IH 2350
- JD 58
- Gehl 4400 Skid Steer
- (NEW) Bobcat 643 Dsl

MISCELLANEOUS

- 3 pt Scraper Box
- 3 pt. Scraper Blade
- Meyer Snow Blade
- NEW NH 514 Spreader
- NEW NH 363 Tank Spreader
- Hesston #10 Stacker
- Log Splitter w/engine
- (2) Woods Corn Pickers
- Set of Tractor Chains 18.4x34
- (2) JD 5B Semi Mtd. Plow
- IH 4B Mtd. Plow 3 pt. hitch
- Mid West Harrow
- Bush Hog 15' Bat Wing Mower
- NEW Woods M5 mower 5' 3 pt hitch
- NH Table Blower
- Tractor Cab
- NEW 30' Silage Conveyor
- NEW Kilbros Bin Wagon
- Moore Drill
- NI Picker Sheller
- Gehl 99 Silage Blower
- 26' Sprayer Boom
- Crustbuster 10' Chisel Plow
- MF 13' Grain Table w/pickup reel
- JD 220 Center Fold Disc
- JD 10' Disc

HARVESTING EQUIPMENT

- NH TR 85 Combine 4 whl drive w/16' table (1 owner)
- NH 890 N 3 Corn Head
- NH 770 Forage Harvester
- NH 717 Forage Harvester

HAY TOOLS

- NI 272 Cut/ditioner
- NH 467 Haybine
- NH 469 Haybine
- NH 479 Haybine
- NH 490 Haybine
- JD Rake
- NEW NH 256 Rake
- NH 56 Rake
- NH 3 pt. Rake
- Hesston 3 pt Bale Mover
- NH 268 Baler w/53A Thrower
- AC 444 Baler
- NH 1030 Bale Wagon
- Grimm Hay Fluffer
- NH 90 Bale Handler

ITEMS SUBJECT TO CHANGE DUE TO DAILY SALES
A few items with reserve bid announced at day of sale.

AUCTION BY:
AG-INDUSTRIAL EQUIPMENT CO., INC.
1207 Telegraph Rd (Route 273)
Rising Sun, MD
301-658-5568 301-398-6132 215-869-3542
Auctioneers:
Norman Hunter
Parkes T. Williams

FOOD AVAILABLE

FORK LIFT & DOCK
AVAILABLE FOR
LOADING SALE ITEMS
MUST BE MOVED
WITHIN 15 DAYS
FROM DATE OF SALE

PUBLIC AUCTION

VALUABLE LIMESTONE DAIRY FARM

(81½ Acres M/L)

THURSDAY, OCTOBER 27, 1983

1:00 o'clock P.M.

Location: RD1 Ephrata, Lancaster County. Take Rt. 272 north of Ephrata to Rocky Ridge Auto Sales on left Turn left onto Schoeneck Road approximately 2 miles to farm lane on right. (Look for auction signs).

81½ acre Limestone Dairy Farm in a high state of productivity with level terrain (78 acres & tillable M/L) Buildings consist of 2½ story stone 4 bedroom & 1½ bath house, with large eat in kitchen & 3 rooms on 1st floor basement & attic storage, stone & frame bank barn with stable addition, (total of 55 tie stalls), maternity pen 16 x40 enclosed manure shed auto barn cleaner 1000 gal Mueller tank w/free heater, DeLaval pipe line (4 unit) 20 x60 & 20 x30 Harvestore silos, 10 x45 concrete silo, 60 Harvestore bunk feeder 28 x70 heifer barn 50 x80 equip building modern underground electric service w/breaker drilled well & septic system

NOTE. Excellent producing farm in very good farming area All buildings & accessories are in V Good cond No need to spend money to move on this farm

TERMS. 10% due sale day balance March 1, 1984

For complete details, terms, financing and farm plotting, call auctioneers at 717-733-1006

OPEN HOUSE Sat October 15 & 22 from 1 to 4 p m or by appointment Reason for auction the Weilers have decided to relocate their dairy operation in New York state

Broker participation - Call auctioneers for details.

Terms By:
HAROLD L. & SHARLENE WEILER
717-733-0140

Randal V. Kline, Lloyd Kreider
Roy Good Jr., Auctioneers
717-733-1006

KLINE & KREIDER AUCTIONEERS

Public Auction Register

Closing Date Monday 5 00 P M
of each week's publication

FRI. OCT. 28 - 11 AM Public Auction of Cattle. Located in Stafford, NY, 8 mi east of Batavia, 2 mi. east of LeRoy on Rt. 5, use exit 47 or 48 of the New York State Thruway. Robert and Margie Acomb and Family, Owners. William Kent, Inc., Auctioneer.

FRI. OCT. 28 - 11 AM Public Auction of Real Estate. Located in Southern York Co., PA, Rt. 74 South to cross road of 851 and 74 take 851 left to Lay Rd. to 2nd cross road turn left, follow through on Cold Cabin Rd. to site. Leon A. Stoltzfus, Owner. E.M. Murry Assoc., Auctioneers.

FRI. OCT. 28 - 1:30 PM Public Auction of Pigs. Located at Westminster Livestock Auction, Westminster, MD.

FRI. OCT. 28 - 7:30 PM Public Auction of Feeders. Located at Wyalusing Livestock Market, Rt. 6, Wyalusing, PA

FRI. OCT. 28 - 1 PM Public Auction of Farm. Located off I-83 at exit 1, take #816 toward Stewartstown to Adams Electric Coop Bldg, turn right, go to Ridge Rd., turn left, follow Ridge Rd., 2 mi. to sale on right Production Credit Assn. of York, Owner. Blaine N. Rentzel, Auctioneer

FRI. OCT 28 - 12:30 PM Public Auction of Cattle. Located on the Gordon Wood Farm at the junction of Rt. 6 and 660 next to the Y Drive Inn Theatre, 6 mi. from Mansfield and 4 mi. from Wellsboro, PA. Dale and Ida Butcher, Owners. Gordon Wood, Sale Manager.

SAT. OCT. 29 - 11 AM Public Auction of Horses. Located at Keister's Middleburg Auction Sales, Inc, Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA. Don and Walt Keister, Owners. Ray Long and Dave Imes, Auctioneers.

SAT OCT. 29 - 1 PM Public Auction of Cattle. Located at Farmer's Livestock Exchange, Winchester, VA, Intersection of Rt. 37 and Rt. 50. Gordon Schubert, Manager.

SAT. OCT. 29 - 8:30 AM Public Auction of Real Estate, Antiques, Collectibles, Sedan and Household Items. Located on Rt. 897, in the village of Kleinfeltersville, Lebanon Co, PA. Mamie McElhenny Estate Dockey, Dockey and Deppen, Auctioneers

SAT. OCT 29 - 11 AM Public Auction of Real Estate. Located in Littlestown, Adams Co., PA. Rt. 194 south from Hanover to Littlestown, turn right on Basehoar School Rd., 1 mi. to farm lane on left. S. Edward Murphy, Owner. Blaine N. Rentzel, Auctioneer.

SAT. OCT. 29 - 10 AM Ag-Industrial Equip. Co. Annual Fall Auction, 1207 Telegraph Road, Rt 273 Rising Sun, MD.

SAT. OCT. 29 - 9:30 AM Public Auction of Line Equipment, Trucks and Vehicles. Located at the Linden Airport off Rt. 1/9 in Linden, NJ. Hellers Trucking, Owner. Vilsmeier Auction Co., Inc.

SAT. OCT. 29 - 1 PM Public Auction of Farm. Located 1 mi. west of Gratz, Upper Dauphin Co., PA, 40 mi. north of Harrisburg. John B. and Sadie S Fisher, Owners George and Mike Deibert, Auctioneers

SAT. OCT. 29 - 9 AM Public Auction of Real Estate, Antiques, Household Goods, Farm Equipment, Guns and Coins. Located along E. Farmersville Rd., between Brownstown and Hinkletown, Farmersville, West Earl Twp., Lancaster Co., PA. Mary M Martin Estate. T. Glenn and Timothy G Horst, Auctioneers.

FEATURING FIRST
AND THIRD MONDAY
EACH MONTH

GRADED FEEDER PIG SALE

1:30 p.m. Sharp!

Telephone 302-734-2016 or 284-4541
Tele-O-Auction - 302-284-4912

- Tele-O-Auction - Bid over the telephone.
- Easy to reach - Rt. 13, on South Bound Lane, approximately 10 miles South of Dover, Delaware.
- Quick Service - Load & Unload.
- No Dealer pigs
- Pigs received after 7 a.m. until 11 a.m.
- Consignors - Paid day of sale.
- Veterinarian inspection on premises - Dr. Towers.
- State Graded
- Pseudorabies Free State.

Auctioneers-Harry Barrett - Chester Lee Carroll

AUCTIONS OF ALL TYPES

LEE D. DOCKEY AUCTIONEER
ESTATE LIQUIDATOR APPRAISER
R 164 Pillow Pa 17080
Phone 758 6004

PUBLIC SALE

SATURDAY, OCTOBER 29, 1983

8:30 A.M.

Located on Route 897, in the Village of Kleinfeltersville (Lebanon County), Pennsylvania.

REAL ESTATE

2½-Story Frame Dwelling Having A Frontage Of 97' And A Depth OF 247.5', Containing 84 Perches...4 Rooms And Half-Bath On 1st Floor...3 Bedrooms On 2nd Floor...Hot Water Oil Furnace...For Additional Information Or Inspection Phone 717-758-6004. Real Estate To Be Offered At 1:00 P.M.

ANTIQUES & COLLECTIBLES

2-Pc. Soft Wood Corner Cupboard with 12-Pane Door, 2-Door Bottom; (4) Blanket Chests - 1 with Orig. Red Paint & 4 Small Green & Yellow Raised Panels on Front & Original Grablock; 3-Pc. Oak Bedroom Suite; 3-Pc. Late Victorian Living Room Suite; Round Glass China Closet with Claw Feet; Round Oak Table with Claw Feet; (4) Oak T-Back Chairs; Assortment of Barroom Chairs - Some Decorated; Oak Extension Table; Plank Bottom & Cane Seated Rockers; Plank End Washstand; (2) Oak Case Sewing Machines; Oak Ice Box; Child's Arrow Back Plank Bottom Rocker; Wicker Doll's Carriage; Walnut Victorian Corner Stand; Carved Corner Chair; Keystone Upright Piano; Piano Stool; Record Player; Wallace Nutting Prints; Selection of Picture Frames; Assorted Mantel Clocks - 1 in Tramp Art-Style Steeple Shaped; Rayo Lamp; Tiffany-Type Table Lamps; (2) Reverse Painted Glass Electric Lights; Kerosene Lamps; Brass Buckets; Coffee Grinder; Baskets; Wooden Rake; Richland Tire Pump; Assorted Christmas Decorations; Lg. Selection of Postcards; Assortment of Old Clothing - Circa 1900, Etc.; (3) Quilts; (2) Coverlets - 1 Marked "Emanuel Meily Lebanon 1848"; Blue Homespun & Misc. Linens; China Doll; Assorted Animal Character Atomizer Bottles; Lg. Selection of Adv. Items - Including Huber Bros. Commemorative Items; Assorted Quadruple Plate Items; Many Pcs. of Carnival Glass; Blue Spatter Cup, Saucer and Plate; Flow Blue; Early Adams Plate; Assortment of China Dresser Lady Dolls; Cut Glass Bowl, Punch Bowl, Etc.; Chocolate Pots; Copper Lustre; Roseville Pottery; Lg. Selection of Pressed, Pattern & Depression Glass; Selection of Fiesta Ware; Lg. Selection of Jewelry - Including Pocketwatches; Numerous Other Items.

1942 PONTIAC SEDAN

HOUSEHOLD ITEMS

RCA Floor Model Color TV; Caloric Gas Stove; Whirlpool No Frost Refrigerator; Electric Sewing Machine; 3-Pc. Living Room Suite; Sofa Bed; 3-Pc. Bird's Eye Maple Bedroom Suite; Upholstered Chairs; Porch Swing; Ladders; Dishes; Pots; Pans; Etc.

TERMS: Real Estate - 10% Down. Further Terms And Conditions To Be Given Day Of Sale. Personal Property - Cash. Personal Checks Accepted Only From Persons Having An Esablished Account With Auctioneer Or Approval Prior To Day Of Sale.

MAMIE McELHENNY ESTATE
Helene Gockey, Executrix

HENRY J. STEINER, ATTORNEY
DOCKEY, DOCKEY & DEPPEN, AUCTIONEERS
PHONE: 717-758-6004

MARTIN AUCTIONS

PUBLIC AUCTION

95 ACRE HOG & STEER FARM

MONDAY, OCTOBER 24, 1983

Sale Time: 2:00 P.M.

LOCATION: Take Route 322 to East end of Ephrata. Turn left on Hahnstown Road, first road left after overpass. Continue on Hahnstown Road approximately 2 miles to farm on left. Ephrata and East Cocalico Townships, Lancaster County, Pa.

2½ STORY SANDSTONE & FRAME DWELLING

BUILT IN 1862

containing on first floor: large eat-in kitchen with built-in cabinets; family room; living room; utility and laundry room; 1 bedroom; full bath; wood storage area.

Second Floor: 4 bedrooms; attic area above second floor; full basement, partially concreted; gas hot water heater.

3 CAR DETACHED
CEMENT BLOCK GARAGE;
LARGE BANK BARN
with feed lot for approximately 125 steers
20 x 75 Foot STAVE SILO
with Unloader and Bunk Feeder;
10 x 40 Foot SILO

HOG OPERATION CONSISTS OF:

35 Crate Farrowing House; 70 Sow Gestation Building; 40 Sow Breeding Building; Nursery with 560 Head Capacity;

FACILITIES TO FATTEN A
TOTAL OF 250 HOGS

Tobacco Shed converted to storage and shop area with lower level remodeled to fatten hogs.

7500 BUSHEL GRAIN BIN

- Small Corn Barn
- 200 Amp. Service
- Mature Shade
- 75 Acres Tillable
- Sandstone Type Soil
- Well With Pressure System
- Double Throw Switch
- Stream
- 12 Acres Woodland
- Small Pasture

INSPECTION: At Open House, Saturday, October 15th and October 22nd, 1983, from 12 noon to 3 p.m., or by appointment.

To avoid disease in hogs all persons going through hog houses must use precautionary measures provided by tenant. Hog houses will be open at OPEN HOUSE or can be seen by calling ISAAC RAY SENSENIG at 717-733-9379 for appointment. Balance of farm can be inspected anytime. All herein information is believed to be accurate, but is being used for advertising purposes only.

TERMS: 10% down day of Auction. Balance at settlement, April 1, 1984. Financing available by prior written approval. For transportation to inspect property, or to discuss financing, call PAUL E. MARTIN, Auctioneer, at 717-733-3305.

NOTE: This is a real homestead type farm with many possibilities. See it soon and prepare to buy.

Auction By:
HARVEY Z. & REBECCA R. FOX

Thomas H. Wentz, Attorney
Auction Conducted By:
John E. & Paul E. Martin, Auctioneers
Ephrata, PA 717-733-3305

BUTCHER COMPLETE HERD DISPERSAL PLUS

20 fresh & close springers that will satisfy the most critical buyer from our herd & other selections.

Sale will be held on the Gordon Wood Farm at the junction of Rt 6 and 660 next to the Y Drive In Theatre, 6 miles from Mansfield and 4 miles from Wellsboro, Pa.

FRIDAY — OCT. 28

at 12:30 Sharp

92—HI-GRADE HOLSTEINS—92

Including 3 ID grades, 6 line backs, 1 red & white holsteins.

Butcher herd consist of 33 mature cows in all stages of lactations, 8 bred hfrs., due sale time thru Dec., 8 breeding age & 23 from calves to yearlings, plus the 20 close & springers mentioned above. Interstate tested, preg. ex., charts day of sale.

Terms: Cash or Good Check.

Owners
DALE & IDA BUTCHER
Ph. 717-673-3507
Barn-717-364-5416
Sale Manager
GORDON WOOD
Mansfield, Pa.
Phone 717-549-4901

For the most in advertising coverage and preparing your sale call Woods Auction Service.

Lunch Available

ACOMB A-9 FARMS COMPLETE JERSEY DISPERSAL

70 REGISTERED JERSEYS, JERSEY SEMEN AND SHOW EQUIPMENT SELL

FRIDAY, OCT. 28, 1983

at 11:00 A.M.

Stafford, NY. 8 miles east of Batavia, 2 miles west of LeRoy on Route 5. Use exit 47 or 48 of the New York State Thruway.

Bob and Marge have purchased a ranch in Lake City, Florida, and will be moving a select herd of Simmental and Limousin beef cattle and Appaloosa horses. There will be no dairy operation; therefore we will be selling cows, embryo transplant and natural bred heifers, calves and bulls.

Featuring a select group of offspring from the Midnight Comedy Syndicate ("Comedy's Index: +1736m and +97f and +248$.) Offspring of Chocolate Soldier, Regle Premier Deni, Master Milestone C, and A-9 Fortune's Tribute.

This is a young herd with worlds of production, pedigree, and type, and bred for your-round freshening.

Sale order will be:
Cattle - Semen - Show Equipment
Cattle will be tested for interstate shipment.
For details see the
October JERSEY JOURNAL

TERMS: Cash or good check day of sale.

Owners,
ROBERT & MARGIE ACOMB & FAMILY
Ph. 716-768-7164
WILLIAM KENT, INC.
SALE MANAGER & AUCTIONEER
Bergen, NY Ph. 716-494-1890

PUBLIC AUCTION

VALUABLE
FARM
EQUIPMENT

FRI. OCT. 28, 1983

at 11:30 A.M.

(Five miles N. of Boyertown turn off Rt., 100 in Bally at the Bally Bank Bldg. onto S. 7th St. for approx. 3 miles, Auction to be held at the Landis Poultry Farm, Montgomery Co. Pa.

EQUIPMENT:

Oliver 1750 tractor w/newly rebuilt 1855 diesel turbo engine, new 18:4x34 rubber, dual hyd, (nice); rear & front weights for same; NI 504 front end loader w/hyd bucket; AC 180 diesel tractor w/3 pt.; MF diesel tractor w/wf; extra pr. Ferg. power adjust 28" wheels; Oliver #575 semi mt. four btm. 16" hyd. reset pl w/hyd hillside hitch; JD 12' tandem disc; JD 10' roller harrow w/Hugo solid front roll; NI #214 single beater manure spreader w/hyd end gate; JD 16 A flail chopper; Int. 56 pto silage blower; NH 479 haybine; NH 256 rake; Grimm traction drive hay tedder; Int. 13x7 single disc. grain drill; NH 273 baler w/hyd cyl thrower; 5-wide track bale side wagons two have 8'x18' metal racks; Grove 6 ton chassis w/midwest hoist & 16' grain tied body; Grove 6 ton running gear; Danco 3 beater forage wagon w/roof, L&R unloading, 8 ton high flotation tires running gear & extendable hitch used to haul only 30 acres total; JD 494A four row c planter w/herb attach; JD 24' bale elev; 24' tube type single chain elev; Caldwell 8'-3 pt. rear blade; approx. 50 like new metal fence posts; 275 and 300 gal. fuel tanks w/pumps; cattle gutter crates; 10 rubber stall mats; JD 620 thru 730 front end weights; hyd. cyls; feed carts; plus many items too numerous to mention.

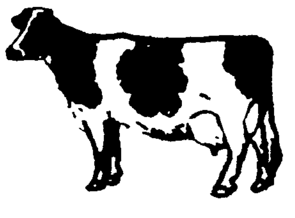
The following items will be sold for a neighbor after Bisbort's: Roll of snow fence: I beams; Cast iron pipe, new & used, 6" - 12" up to 20' long; Conduit pipes 1" - 5"; air hose; push carts; pipe fitting, new & used; 10 HP motor w/blower; 7.5 HP electric motor; plywood, 1" x 5' x 4'; barrell truck; angle iron; Lewis Shepard 3000 lbs. 24 volt platform lift or can be used w/fork walk behind.

Terms-Cash or check

Ordered by
GEORGE & BRENDA BISBORT
Conducted by
Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084
Refreshments Available

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication



DAIRY HEIFER SALE

FRIDAY, OCT. 28, 1983

6 P.M.

Keister's Middleburg Auction Sales, Inc. Rt. 522, 3 Miles East of Middleburg, 5 miles West of Selinsgrove.

For information call: 717-837-2222 or 717-524-5285 or 717-966-2856 or 717-922-1490

KEISTER'S MIDDLEBURG AUCTION SALES, INC.
Rt. 522 R.D. 3
Middleburg, PA
Owners,
DON & WALT KEISTER

Ray Long & Dave Imes, Auctioneers
Terms: Cash Restaurant Open

PROMISED LAND DAIRIES COMPLETE FARM DISPERSAL

TUES NOV. 1, 1983

11:00 A.M.
Ulysses, Pa. (Potter Co.)

77 Holsteins 50 Mature of which 15 Fresh last 30 days, 8 springers, balance year round. 27 open heifers 2-20 mo. 1. Jersey 18 mo. herd sire. These are big, powerful cows averaging 50# per day - Interstate Charts on premises.

3 Tractors, all equipment and produce. Watch Saturday 10-29 for complete list or for information call:

JERRY PIRRUNG
Ulysses, Pa. 16948
814-848-7421
Sale Conducted by
PIRRUNG AUCTIONEERS
Wayland, N.Y. Ulysses, Pa.

SAT. OCT. 29 - 8:30 AM Public Auction of Antiques. Located 3 mi north of Greencastle, Franklin Co, PA, from Rt. 11, 1 mi east of Crossroads Dairy, from I-81, at exit 3 take Allison St., Greencastle, 3 mi. north. Nelson Myers. J Robert Meyers, Auctioneer

SAT OCT 29 - 9 AM Public Auction of Real Estate, Antiques, Household Goods, Farm Equipment, Guns and Coins. Located along E. Farmersville Rd, between Brownstown and Hinkletown, Farmersville, West Earl Twp., Lanc. Co., PA. Mary M. Martin Estate. T. Glenn and Timothy G Horst, Auctioneers

FRI. OCT. 29 - Complete Dispersal for Ivan and Kathie Wenger, Vogansville, Pa. to be held at Smoketown, Quality Dairy Sales Co., East of Rt 30 along Rt. 340 near Rt. 896, Smoketown, Pa.

SAT OCT. 29 - 11 AM Public Auction of Farmette, Farm Equipment, Dump Truck, Crawler Loader, Guns, Coins, Slot Machines and Jewelry. Located north of Schnecksville, Lehigh Co, along West Park Ave, the Rd from Neffs to Newside Mrs J L McKelvey, Owner Ralph W. Zettlemoyer Auction Co

SAT OCT 29 - 9 30 AM Public Auction of Real Estate and Personal Property Located at 468 Grant St., Phoenixville, corner of Fairview and Grant St. Walter Smola, Owner Clay C. Hess and Richard J Moyer, Auctioneers

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CONSIGNMENT HORSE SALE

SATURDAY OCTOBER 29, 1983

11:00 A.M. Sharp

Keister's Middleburg Auction Sales, Inc. Rt. 555 3 miles East of Middleburg, Pa. 5 miles west of Selinsgrove, Pa.

Work Horses

Several load sharp standardbred Driving Horses.

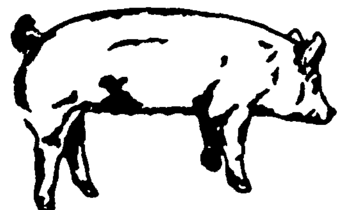
For information call: 717-922-1490 or 717-837-2222 or 717-523-0360.

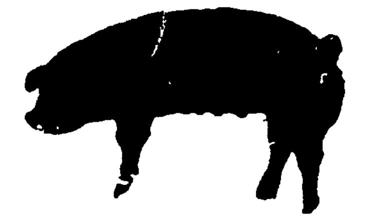
Keister's Middleburg Auction Sales, Inc.
Rt. 522 R.D. 3 Middleburg, PA
Owners,
DON & WALT KEISTER

Ray Long & Dave Imes, Auctioneers
Terms: Cash Trucking Available Restaurant Open

Arnold's 29th

HOG SALE





70 BRED GILTS

Registered Yorkshire, Registered Duroc
Registered Landrace, Crossbred

These gilts have all been hand mated. Due to farrow Nov. 5 thru Dec. 27
58 Gilts farrowed on our farms. 1982 farrowed 11.02 wean 10.12.

40 BOARS (Seven to eight months old)

Feed Efficiency & Test Station Information

25 YORKSHIRE — 15 DUROC

40 OPEN GILTS (Ready to breed)

YORKSHIRE, CROSSBRED, DUROC

Soundness and production are top priorities in our breeding program. Our Yorkshire herd is unsurpassed in production per sow for herds this size. Our animals have done well in test stations. Pennsylvania's 1st Superior Certified Duroc Meat Sire came from our herd. We also had the top indexing boar over all breeds, Pa. State 1979 ("Hustle") and the top boar in Delaware 1980 (Explorer).

All animals vaccinated for Erysipelas & Lepto.
Validated Brucellosis & Pseudorabies Free herds.
Auctioneer-Harry Bachman, Annville, Pa.

Friday Evening NOV. 4, 1983, 7:00 P.M.

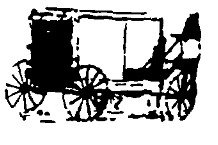
SALE TO BE HELD AT THE
Lebanon Area Fairgrounds
(CORNWALL & EVERGREEN RDS., 1½ MILES SOUTH OF)
Lebanon, PA
CALL OR WRITE

YORKSHIRES — LANDRACE
Leon L. Arnold, R.D. 7, Box 705
Lebanon, PA 17042 — 717-273-5880

DUROCS
Lawrence Arnold
R.D. 1309, Womelsdorf, PA 19567
717-933-8153

CATALOGUES AVAILABLE OCTOBER 15
NEXT SALE FEBRUARY 1984

PUBLIC AUCTION



New Holland Sales Stables, Inc.

New Holland, Pa.

Tractors & Horse Drawn Farm Equipment-Supplies-Small Items

FRIDAY, NOVEMBER 11, 1983

9:00 A.M.

SALE OF SMALL ITEMS 9:00 A.M. **FARM EQUIPMENT 10:00 A.M.**

— Bring A Load, Buy A Load —

New customers and out of state buyers must have current bank letter of credit with guaranteed amount or cashier checks.

A list of your sale items must be in our office by Oct. 25 to be included in our complete listing in the Oct. 29th issue.

Abe Diffenbach, Manager
For more information contact Abe Diffenbach or Norman Kolb at 717-354-4341

NOTICE

Southeastern Penna. District 4-H Beef Show and Sale.

Friday, November 11th - Arrival of 4-H Cattle grooming and Harrisburg Selections.

Sat., Nov. 12th - Judging in A.M. 1:30 P.M. Sale of 4-H cattle.

Businessmen and individuals please make an effort to support this year-long 4-H project.

Buy one for your freezer or have it resold same day.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. OCT. 29 - 12 Noon. Public Auction of Cattle. Located at Warren County Fairgrounds, Rt. 519, Harmony, NJ. Garden State Classic.

SAT. OCT. 29 - 6:30 PM Public Auction of Coin Sale. Located at 1 1/10 mi. north of Manchester, PA, along Rt. 181, turn right at White Rock. Blaine Rentzel, Auctioneers

NOVEMBER

TUES. NOV. 1 - 7 PM Public Feeder Auction. Located at Carlisle Livestock Market, just off I-81, exit 12.

TUES. NOV. 1 - 7 PM Public Feeder Auction. Located at Westminster Livestock Auction.

TUES. NOV. 1 - 5:30 PM Farmersville Auction in Farmersville, 3 mi. East of Brownstown, Lancaster County, Pa. John J. Rutt, Auctioneer.

WED. NOV. 2 - 9:30 AM Public Auction of Construction Equipment and Trucks. Located at Thompson's yard and shop facility at 409 N. Railroad Ave. in Rio Granda, NJ. Vilsmeier Auction Co., Inc.

WED. NOV. 2 - 1 PM Public Auction of Cattle. Located at the Belleville Livestock Market, Belleville, PA. Glen Smith Complete Herd Dispersal. Mark Glick, Auctioneer.

THURS. NOV. 3 - 9 AM Public Auction of Antiques. Located at the Lemasters Community Center, Lemasters, PA, 13 mi. southwest of Chambersburg, Franklin Co., PA, 1 mi. east of 416 at Marks, PA. Walter and Juanita Golden Coopey, Owners. J. Robert Meyers, Auctioneer.

THURS. NOV. 3 - 11 AM Public Auction of Contents of Grocery Store and Refrigerated Trucks. Located at 2222 Silverside Rd., Wilmington, DE. Silverside Dairy, Inc., Owner. A.J. Matas, Auctioneer.

THURS. NOV. 3 - 10:30 AM Public Auction of Const. Equip. and Trucks and Trailers. Located on Kissel Hill Rd., Lititz, PA, just behind Lancaster Mun. Arpt. B&J Const. Co., Owner. Vilsmeier Auction Co., Inc.

FRI. NOV. 4 - Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

FRI. NOV. 4 - 6 PM Public Auction of Bred Gilts and Boars. Located at the Lebanon Area Fairgrounds, Cornwall and Evergreen Rds., 1½ mile south of Lebanon, PA. Leon and Lawrence Arnold. Harry Bachman Auctioneer.

FRI. NOV. 4 - 6 PM Public Auction of Fall Heifers, all sizes of Registered and Grade. Located at the Belleville Livestock Market, Belleville, PA.

FRI. NOV. 4 - 5:30 PM Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

FRI. NOV. 4 - 10 AM Public Auction of Real Estate and Farm Equipment. Located 1 mi. south of Rt. 30, Gap, PA along Rt. 41, Leon A. Stoltzfus, Owner. E.M. Murry, Assoc., Auctioneers.

FRI. NOV. 4 - 6 PM Public Auction of Guns. Located taking Rt. 34, ½ mi. north of Gettysburg, bear right at Y at car wash and continue 2 mi. to Table Rock Rd. to auction site. Raymond R. Staub Collection. C. David Redding, Auctioneers.

FEEDER SALE!

TUES., OCT. 25
7 P.M.
CARLISLE
LIVESTOCK
MARKET
Just Off I-81 Exit 12
Phone (717) 249-4511
or Jim 249-2359

PIGS

STATE GRADED
SALE
FRI., OCT. 28
1:30 P.M.
AT
WESTMINSTER
LIVESTOCK
AUCTION
Westminster, Md.
Ph. 301-848-9820

PUBLIC AUCTION

SATURDAY, OCTOBER 29, 1983

at 1:00 P.M.

1 Mile West of GRATZ, Upper Dauphin County, Pa.; 40 Miles North of Harrisburg (watch for auction sign along Route 25 midway between Gratz and Cross Road Sales & Market)

33 ACRE LYKENS VALLEY FARM

6-Room Dwelling modernized with Ceiling Tile and Panelling, Bath, EFM Stoker; Bank-type BARN: (2) Block Sheds.

This farm located in the Beautiful Lykens Valley has approximately 30 ACRES UNDER CULTIVATION, balance WOODED.

TERMS: 10% down the day of sale, further terms and conditions to be announced when real estate is offered at 1:00 P.M.

FOR INSPECTION CALL: (717) 425-3313

Owners
JOHN B. & SADIE S. FISHER

DEIBERT
George & Mike
Auctioneers 717-425-3313

"Best of Both"
CLUB CALF SALE

1:00 P.M.

SATURDAY, OCT. 29, 1983

SALE TO BE HELD AT:
FARMER'S LIVESTOCK EXCHANGE
Winchester, Virginia
(Intersection of Rt. 37 and Rt. 50)

Selling 50 Home-raised calves.

All Chianina-crosses

All Calves Weaned Vaccinated Wormed, Halter Broken, and on Feed.

THANKS
To All Our Previous Customers

WRITE OR CALL FOR DETAILS:

P.T. McIntire & Sons
Box 164
White Post, Va. 22663
703/837-1254
703/837-1144

Whitewood
Gordon Schubert, Mgr.
P.O. Box 225
The Plains, VA 22171
703/364-1852
703/364-2141

Breezy Hill Acres
Charolais Farm
Complete Dispersal Sale
OFFERING 150 LOTS

Bulls, Cows & Calves, Bred Cows, Bred & Open Heifers

SATURDAY, NOVEMBER 5, 1983

12:30 P.M. — SALE TIME — 12:30 P.M.
Mercer Sale Barn
Mercer, PA

(Sale Barn Location - 3 miles North of I-80 on State Route #19)

Pairs - will split in the ring
Bred Cows
Bred Heifers
Herd Bulls
Open Heifers
4-H and FFA Steers
4-H and FFA & Junior Heifers
All rights to herd sires sell.

Papers and transfers available sale day. Bangs Certified Herd. Catalogs will be mailed on request. Please write or call now to receive your copy.
Outstanding Individuals - Top Performers - Popular Pedigrees

Sale Management By:

MERCER LIVESTOCK AUCTION
Box 145, Mercer, PA 16137
Ph. 412-662-2910

Technical Livestock Consultants
440 East Fairmount Avenue
State College, PA 16801

David D. Seamans, 814-238-8909

Sale Headquarters:

Banquet Rooms • Color TV
• Meeting Rooms • Cocktail Lounge
• Heated Pool • Sauna
Howard Johnson's Motor Lodge
R.D. 6 U.S. 19 at I-80
Mercer, PA 16137
412-748-3030

Breezy Hill Acres
Charolais Farm
275 Renter Rd.
Woodstown, NJ 08098
(609) 769-3550

SWAMPY HOLLOW FARMS
COMPLETE DISPERSAL
THURSDAY, OCTOBER 27

11 A.M.
ATGLEN, PA

Coming from west (Harrisburg) take 283 By-Pass to US 30 East to Gap, then right (or south) onto Rte. 41 about 5 miles to Octorara High School crossroads, then turn right, go ¼ mile to crossroads, turn right again, 1st farm on left.

Coming from south, take Rte. 41 to Octorara High School crossroads, turn left, go ¼ mile to crossroads, turn right, 1st farm on left. Watch for signs.

Octorara High School crossroads is midway between Atglen & Cochranville.

100 REGISTERED HOLSTEINS

Thirty-six years of breeding
10 Years Progressive Breeder Award
Latest RHA 45 cows: 18,242M 3.9% 704F
BAA 106.3
Outstanding Type!
Seven Excellent sell to 94 points including four multiple E's.
Tremendous High Test & Fat Production
-11 sell from 1016 to 1275 lbs. fat
(3 of these over 1200 fat and 3 more over 1100 lbs.)
-36 sell from dams 1015 to 1275 lbs. fat.
(15 of these are over 1200 lbs.)
And They Milk!
-26 sell with 20,000 to 30,640 lbs. milk
(16 are over 24,000 lbs.)

Features include four "contract" cows - a 4th generation Excellent - and a cow family that takes in right at half the herd!

-One of Pennsylvania's Greatest & Most Interesting Herds-

SWAMPY HOLLOW FARM
RD 1, Box 154, Atglen, PA 19310
Ph. 215-593-5756

John M. Umble **Allen R. Umble** **Joseph L. Lusby**

PA HOLSTEIN ASSN.
Sale Managers
839 Benner Pike
State College, Pa.
814-234-0364

BACKUS ASSOCIATES, INC.
Sale Managers & Auctioneers
Mexico, NY 13114 (315) 963-7231

Public Auction Register

Closing Date - Monday, 5 00 P M
of each week's publication

SAT NOV. 5 - Public Auction of Mechanic Tools and Lawn Equipment. Located at Rt. 5, Danville, Northumberland Co. Eli Burkholder, Owner Nevin Martin and Lewis Groff, Auctioneers.

SAT NOV 5 - 8 30 AM Public Auction of Real Estate, Antiques and Farm Machinery Located on Rudy Dam Road, Lititz, PA. Mr and Mrs Warren Snavely, Owners E.M Murry, Auctioneers.

SAT NOV 5 - 2 PM Public Auction of 11 Acre Farmette with Hog Operation Located taking Rt 501 to I-78, go east to Midway exit, go north to 1st road right, turn right to next road right, 1st farm on left, Bethel Twp , Berks Co Ronald B and Linda W. Wanner, Owners. John E and Paul E. Martin, Auctioneers

SAT. NOV. 5 - 9 AM Public Auction of Farmette, Farm Equipment, Tools, Household Furnishing and Antiques Located west of the Boro of Williamstown on West Market St., in Williams Twp., Dauphin Co , PA Estate of Stephen Mehalko George and Mike Deibert, Auctioneers

SAT NOV. 5 - 10 AM Public Auction of Gas Engines, Engine Trucks and Misc Located 1 1/10 mi north of Manchester, PA along Rt. 181, turn right at White Rock Estate of Allen A Miller Blaine Rentzel, Auctioneer

SAT NOV 5 10 AM Public Auction of 76 Acre Farm and Full Line of Farm Equipment Located 3½ mi north of Lebanon Jason and Bonita Probst, Owners Horning Farm Agency, Inc , Auctioneers

SAT NOV 5 - 10 AM Public Auction of Trucks, Contractor's Equipment and Tools Located 3 mi south of Kenhorst, 5 mi south of Reading, from intersection of Rt 724 and 625, take Rt 625 to Hickory Rd Harold Troutman, Owner Clay D Hess and Richard J Moyer, Auctioneers

SAT NOV 5 10 AM Public Auction of Antiques, Household Goods, Quilts and Farm Equipment Located along Springville Rd , Ephrata Twp , Lanc Co , PA Mrs Clayton Wenger, Owner T Glenn and Timothy G Horst, Auctioneers

SAT NOV 5 12 30 PM Public Auction of Cattle Located at Mercer Sale Barn, Mercer, PA, 3 mi north of I 80 on State Rt 19 Breezy Hill Acres Charolais Farm Complete Dispersal Mercer Livestock Auction

TUES NOV 8 - 5 30 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneer

WED NOV 9 7 30 PM Public Auction of Cattle Located at Shenandoah Valley Livestock Sales, Inc , 1044 Edom Rd , Harrisonburg, VA

WED NOV 9 - 10 AM Public Auction of Swine Located in the small arena, PA Farm Show Building, Eastern National Chester White Sale Harry H Bachman Auctioneer

THURS NOV 10 3 PM Public Auction of Antique Furniture, Primitives, Dishes, Glassware and Collectibles Located at Springetts Fire Co , Social Hall, 3013 E Market St , York, PA Jacob A Gilbert, Auctioneer

THURS NOV 10 6 PM Public Auction of Real Estate, Household Goods Office Equipment, Butchering Equipment and Tools Located along Synder Hollow Rd , RD 1, New Providence Twp Lancaster Co , PA, take Rt 272 about 7 mi south of Lancaster to Fairview School Rd , turn right to Snyder Hollow Rd , turn left to sale Mr and Mrs Clair M Frank, Owners Howard Shaub and Roy C Probst, Auctioneers

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Garden State Classic

SATURDAY, OCTOBER 29, 1983

Noon

Warren County Fairgrounds
Rt. 519, Harmony, NJ

Offering:

42 Head of Top Quality Bred Heifers, Open Heifers and Steers

Sponsored by:

New Jersey Polled Hereford Assn.

For more information contact:
Maryann Plesher, R.D. 1, Box 258,
Hopewell, NJ 08525
609-466-3750

FALL DAIRY CATTLE & HEIFER SALE

FRIDAY, OCTOBER 28, 1983
1:30 P.M.

Penns Valley Livestock Auction
Centre Hall, Pa.
(At the intersection of Rt. 45 and 144)

REGISTERED & GRADE HOLSTEINS

- BULLS
- FRESH COWS
- DRY COWS
- SPRINGERS
- BRED HEIFERS
- OPEN HEIFERS

A Herd from Clinton Co (24 Head)
25 Calf Vac. Heifers from Local Farm
15 Springers from Local Farm
—Many Other Consignments From Local Farms—
Health Charts Furnished

★ ★ NOTICE ★ ★
Dairy Sale Held Every Fourth Friday Of The Month
Next Sale November 25th — 1:30 p.m.

Ron Gilligan, Auctioneer
For Information Call: (814) 364-9096
(814) 364-1796
Restaurant Open

FALL HEIFER SALE

FRIDAY EVE., NOV. 4, 1983
At 6:00 P.M.

At The Belleville Livestock Mkt
Belleville, Pa.

200 - 250 HEAD

Selling heifers all sizes, open, bred and springers, some registered; 14 local registered, bred and springing heifers from one herd. All bred to Board Chairman by select mated ABS sires and good dams w/DHIA records.

We suggest you have all heifers pregnancy checked or checked to be certain they are breeders. Vet. certificate should accompany cattle. If not checked, cattle will be sold "AS IS". We need a good health chart.

For more information, phone the market.
Restaurant will be open.

BELLEVILLE LIVESTOCK MKT.
717-935-2146

IT'S SHOW TIME IN NEW HOLLAND!

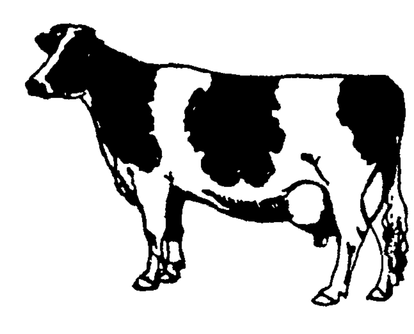
New Holland Sales Stables, Inc.

ANNUAL DAIRY SHOW AND SALE

Wednesday, October 26, 1983

Plan To Spend The Day At New Holland!

Location: Barn, 12 miles east of Lancaster off Rt. 23 in New Holland, Pa.



SHOW JUDGING: 9:00 A.M.
SALE BEGINS: 11:00 A.M.
SHOW WINNERS SELL AT 12 NOON

300 HEAD COWS AND 1st CALF HEIFERS

This Sale Will Feature Some of the Finest Holsteins. In Past Years Many Breeders Have Bought Potential Excellent and High Producers From This Sale.
Classes to be Judged:

- Mature Holstein in Milk
- Mature Holstein Dry
- 3-Year-old Holstein in Milk
- 3-Year-old Holstein Dry
- 2-Year-old Heifer Fresh
- 2-Year-old Heifer Bred
- Mixed Breed Fresh (includes registered Red & White Hol.)
- Mixed Breed Dry (includes registered Red & White Hol)
- All Show Winners Must Be Sold

Mr. Dairyman: If you need some good ones they will be here. Last year's sale had several Very Good and Excellent cows sold and at least five more went Excellent on their last classifications.

These cows are selected by our regular shippers who plan for this annual event. In past years many good cow men have commented they have never seen so many good cows selected for a sale. Cows will come from Pennsylvania, Maryland, Delaware, New York, New England States, and Canada. If you are looking for milk and type, you will find it here.

We will be selling good fresh cows and springers well into the evening

NOTICE TO CONSIGNORS: All show animals must be at barn no later than 6:00 P.M. Tues., Oct. 25. Please have health charts and registration papers in order. Cattle Tested for Interstate Shipment.

Pedigrees by Henry Kettering
Sale Managed by New Holland Sales Stables, Inc
For more Information Contact:
ABE DIFFENBACH (717) 354-4341 (Sale Barn)
NORM KOLB (717) 397-5538 (home)

Public Auction Register

Closing Date - Monday, 5 00 P M
of each week's publication

THURS NOV 10 - 12 Noon. Public Auction of Real Estate Located on *southeast corner of County* Rd. 31 and 379, go east *on county road* 31 *from* Canterbury toward Magnolia. Estate of Charlotte E.W. Burton. Harry Barrett, Anthony B. and Chester Lee Carroll, Auctioneers.

FRI NOV. 11 - 9 AM Public Auction of Farm Equipment and Supplies to be held at New Holland Sales Stables, Inc , 12 miles east of Lancaster off Rt. 23 at New Holland, Pa. Abe Diffenbach, Manager.

MON NOV. 12 - 3 P.M. Hubert Charolais Ranch Production Sale. Located at the ranch, Monument, KS Managed by Garey Cattle Sales, Inc., 100 Walnut Lane, Morrisville, PA 19067.

SAT NOV. 12 - 1 PM Southeast District 4-H Steer and Lamb Sale to be held at New Holland Sales Stables, Inc , located 12 miles east of Lancaster off Rt. 23 at New Holland, Pa. Abe Diffenbach, Manager.

SAT NOV. 12 - Public Auction of Real Estate, Antiques and Farm Items Located on Green Acre Raod, Lititz, PA John Grube Estate E.M Murry, Auctioneers

SAT NOV. 12 - 9 AM Public Auction of Antiques, Farm Equipment, Buggys, Gasoline Engine, Sleigh, 1926 Oldsmobile, 1931 Chevy Coupe and Tools. Located 6 mi east of Shoemakersville and 2 mi west of Moselem Springs, Berks Co., PA, near *the Moselem Springs Golf Course, turn off* Rt. 662 onto Eagle Rd. for 1 mi. to sale. *Paul Schwoyer* Estate. Kenneth P. Leiby, Auctioneer

SAT. NOV. 12 - 9 AM Public Auction of 80 Acre Farm, Antiques, Farm Equipment, Household Goods and Car Located along Rt. 322 between Clay and Brickerville, Lancaster Co , PA. Stella D. Mummert Estate, T Glenn and Timothy G Horst, Auctioneers

SAT. NOV 12 - 4 PM Public Auction of Club Calves Located at New Holland Sales Stables, New Holland, PA 1983 Southeast District 4-H/FFA Sale.

SAT NOV 12 - 9 AM Public Auction of Farm and Personal Property. *Located on the premises,* approx. 2 mi. northeast of Reistville along Ramona Rd., Leb. Co. John R. and Mabel E Dubble, Owners Weik and Weik, Auctioneers

SAT NOV 12 - 9 AM *Public Auction of Farm,* Antiques, Farm Equipment, Household Goods *and Car. Located along* Rt 322 between Clay and Brickerville, Lanc Co., PA Stella D. Mummert Estate. T Glenn and Timothy G Horst, Auctioneers

SAT NOV 12 - 8.30 AM Public Auction of Farming Tools, Antiques, Butchering Equipment and Household Goods Located at 18701 Coopers Rd., Parkton, MD, *take the Middletown* Rd exit off I-83 and proceed west on Middletown Rd , approx 2½ mi. to Coopers Rd. on left, follow Coopers Rd., about 1 mi. to *place of sale* Ralph L Wilson, Owner Bob *and* Tom Sechrist, Auctioneers

SAT NOV. 12 - 9 AM Public Auction of Farm, Household Goods, Antiques, Guns, Butchering Equipment, Farm Machinery and Trucks Located ½ mi west of Mifflinburg, just off Rt 45 Union Co , Estate of Norman R Sanders, Owner Wayne M. Hess, Auctioneers.

TUES NOV 15 - 5.30 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J. Rutt, Auctioneer

THURS. NOV 17 - Monthly Cow Sale at Mel Kolb, inc , Maryland Farm, Woodsboro, MD

FRI NOV. 18 - 6:30 PM. Consignment Sale of Feeder Pigs and Feeder Cattle Held at Keister's Middleburg Auction Sales *Inc., Rt 522, 3 mi east of* Middleburg, 5 mi. west of Selinsgrove, PA

FRI NOV. 18 - 5:30 PM Gap Auction Antiques and Household Goods sold at every auction. Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, *Ira Stoltzfus & Son, Auctioneers*

GLEN SMITH COMPLETE HERD DISPERSAL

At the Belleville Livestock Mkt.
Belleville, Pa.

WEDNESDAY, NOVEMBER 2, 1983

At 1:00 P.M.

45 Registered Holsteins, 29 milk cows, 7 bred heifers, 5 yearlings and 4 calves. 6 sired by Straight Line Elevation Pete, others sired by Astronaut, Chief, Apollo, Nugget, etc. Rolling herd ave. over 15,000 milk. A good young herd.

Catalogs - Pregnancy Checked

Mark Glick - Auctioneer
Sherm Glick - Sale Mgr.

CHESTER COUNTY HOLSTEIN & JERSEY HERD DISPERSAL

COWS & HEIFERS

6 REG. JERSEYS **5 REG. HOLSTEINS**

FRIDAY, OCTOBER 28, 1983

8:00 P.M. D.S.T.

To be sold at Smoketown Quality Dairy Sales. Smoketown, PA. Rt. 340. 5 m. E. of Lanc. 5 m. W. of Intercourse.

REG. HOLSTEINS

Reg. - JO-DAN B.E. Ivan - Born 2-15-78 244d. 14,872m. 511F. Prog. 305d. 17,317m. 602F. Bred to Chairman.

DAM - Citation Daugh. G-P.80.
2 yr. 305d. 15,460 m. 526F. - 17,000 m. 600F.
Dtr. sold in Texas for $2700.

Gr. DAM - Kingpin Daugh. G-P.87-6 yr.
4 yr. 7m. 305d. 26,280m. 4.5t. 1179F.

Reg. - JO-DAN B.E. Ivan - Born 10-1-79 164d. 6,302m. Inc. bred to Trout-Spring Trump Carl.

Reg. - Bern Inn Double Duke - 202d. 9,200m. 3.8t. Inc. Prog. 305d. 11,352m. Bred to Chairman.

Reg. - Middessa Marquis Perfection - Proj. 11,491m. - Bred to Bubbler.
DAMS - 2 yr. 305d. 17,410m. 573F.

Reg. - Harrisburg Gay Ideal - Bred to Bubbler - Heifer calf will sell. Sire Trout-Spring Trump Carl.

Grade - Sire Ivanhoe Jack - 60.5 lbs. m. test in July. Bred back 8-17-83.

REG. JERSEYS

Reg. - Smokey Hill Generator Mack - V.G. 80 56 days 1,689m. 4.8% Bred to Minnie Pansy Fredrick.

Reg. - Stardust 5th Dimension - Born 8-16-79 285d. 6,256m. 4.8% - Due to Holstein Bull.

Reg. - H.V.F. Pacesetter - Born 4-8-80 Bred to Holstein Bull.
DAM - 2 yr. 6m. 9,473m. 4.3% 432F.
Gr. DAM - 9 lactations Avg. 9,400m. 472F.

#32 Reg. - Golden Sleeping Advancer - V.G.86
305d. 9,074m. 5.9% 538F.
360d. 10,156m. 5.9% 602F. - Bred to Holstein Bull.

#40 Reg. - Advancer Sleeping Jester 2nd. - V.G.80.
180d. 3,761m. 4.7% - Bred to Holstein Bull.

#32 and #40 are Paternal sisters - Dam is Ruler Star Easther - V.G.84.
5 yr. 4 m. 305d. 11,300m. 649F.
6 yr. 1 m. 329d. 11,350m. 518F.

Both cows were showed and won Grand Champion at many shows.

Reg. - Acacia Acres Silver Soldier - Born 9-4-82.
DAM of Sire. Avg. 6.0% test.

Also 1 Load Registered & Grade Cows & Heifers Consigned by Johnny Jr.

Cows milked at regular time.
Cash or Good Check Night of Sale.

Sale Managed by
SMOKETOWN QUALITY DAIRY SALES CO.
GORDON & HELEN FRITZ
717-393-0930

Carl Diller - Paul Snyder Auct.
Henry Kettering - Pedigrees

Lunch by Sublette

SPECIAL FEEDER CATTLE SALE

WEDNESDAY, OCT. 26, 1983

8:00 P.M.

TERRA ALTA LIVESTOCK MARKET, INC.
Terra, Alta, WV 26764

Wednesday, Oct. 26, 1983
FALL ROUNDUP SALE

All kinds of calves, yearlings and two-year-olds, approximately 500 head. All cattle billed in day of sale. Feeders, if you want good fresh farm cattle, be sure to attend this sale.

TERRA ALTA LIVESTOCK MARKET, INC.
Russell W. Stover, Jr., Mgr.
For Information Call. (304) 789-2788 yard
(301) 334-3940 - residence

SHENANDOAH VALLEY LIVESTOCK SALES, INC.

SALES EVERY SATURDAY
1044 Edom Road • Post Office Box 23
Harrisonburg, Virginia 22801
PHONE 434 4482 or Bill Joseph (703) 350 2481

SPECIAL FALL SALES

WED., OCT. 26, 1983 7:30 P.M.
ANNUAL HOLSTEIN STEER SALE
All weights

WED., NOV. 9, 1983 7:30 P.M.
SPECIAL ROUND UP SALE
All weights
Yearlings, Heavy Feeders, Calves,
Stock Bulls, & Stock Cows
All Breeds

REGULAR SALE EVERY SATURDAY
1:30 P.M.

There will be heavy volume and good selection of calves and feeder cattle this fall, at our regular sales.

COMPLETE HOLSTEIN HERD DISPERSAL

FOR IVAN & KATIE WENGER
Voganville, PA.

FRIDAY, OCTOBER 28, 1983

8:00 P.M. D.S.T.

ALL HOME RAISED — GRADES

To be held at SMOKETOWN QUALITY DAIRY SALES, CO., Smoketown Pa. Rt. 340, 5 mile East of Lancaster, 5 mile West of Intercourse, Pa.

This is a small herd of high producing holstein cows. Several peaked over a 100 lbs. per day. Avg. age 4 yr. 2 mo. Herd Average for 1981-17,000m. - 1982-18,000m. - 1983-18,000m. At present time the herd is averaging 64.1 lbs. per cow per day. Sires include:

Whitter Farm Apollo Rocket - Bred to Print or Vic.
Peaked - 55 lbs. present 50.1 lbs.

Son of Whirlhill Kingpin - Bred to Plateau.
Peaked - 65 lbs. - 80 lbs. - 88 lbs. present 50.9 lbs.

Demry Mowhawk - Money Maker - Bred to Grade Bull - Son of Cyprus Hills Astro Chief. Peaked - 70 lbs. - 90 lbs.

Elmsmith Marcus Marine - Bred to Ledel Ideal Superior.
Peaded - 55 lbs. present 48.7 lbs.

Diamond S. Pietije Standout.
Peaked - 65 lbs. - 85 lbs. - 115 lbs. - 105 lbs. present 89.5 lbs.

LeDel Elevation Chris - Bred to Joludi Elmer Chief.
Peaked - 55 lbs. present 50.1 lbs.

Sooner Elevation Chip - 1st calf heifer - Bred to Lime Valley Lucky Print.

Delati Lester Gerri Martin - Bred to Vic.
Peaked - 55 lbs. - 80 lbs. present 61.9 lbs.

Son of Whirlhill Kingpin - Bred to Very.
Peaked - 60 lbs. - 80 lbs. present 77 lbs.

Ledel Ideal Superior - Bred to Joludi Elmer Chief.
Peaked - 60 lbs. - 82 lbs. present 52.1 lbs.

Son of Harrisburg Gay Ideal.
Peaked - 52 lbs. - 65 lbs. - 80 lbs. - 90 lbs. present 89.5 lbs.

There are some cow families - DAMS & Daughs. 3 maternial sisters. Avg. service conception 1¼ - calving intervals 12-9 — 12-1.

Due to a farm accident Ivan can no longer tend his herd at this time, so he decided to sell. Cows are Vacc for Lepto & Shipping fever.

ALSO SELLING

Three Registered Holstein Heifers, all vaccinated. These Heifers are out of a herd with a 20,000 lb. average.

- A 2 yr. old, Sire- Successor Chief Astronaut due 11/3/83 to Le-Del Ideal Superior. Dam-82 pts. 17,593M, 4.0T. 2nd record 19,778M 3.9T.
- A 2 yr. old, Sire- Successor Chief Astronaut fresh milking 60 lbs. Dam's records 17,000M 3.6T, 21,000M 3.5T, 22,700M 3.6T.
- A 2 yr. old, Sire- Successor Chief Astronaut due Oct. 30 to Dairyman. GrDam- 20,231M 3.6T and 19,000M 3.6T.

Nine grade Holstein heifers - ages 4 mo. to 9 mo. old. Some breeding age. Some Vacc. They are inoculated. Heifers are out of DAMS with records from 70 lbs. m. to 90 lbs. m.

Special Mention - Outstanding Reg. Holstein Bull born 9/9/82. Sire-Straight-Pine Elevation Pete. Dam-VG 86 Worthway Glendell Chief Josie. Cow Index +1394 +53 and 50%. 3 yrs. 11 mos. 365 dys. 29,470M 3.7T 1,090F; 2 yrs. 11 mos. 305 dys. 19,180M 3.9T 751F; 5 yrs. 4 mos. 262 dys. 21,096M 4.1T 869F inc. Next Dam-Tim Rock Kingpin Joe VG 87 6 years. 2 yrs. 6 mos. 305 dys. 15,370M 4.2T 650F; 4 yrs. 305 dys. 21,660M, 4.3T, 935F.

Sale by & Managed by
SMOKETOWN QUALITY DAIRY SALES CO.
GORDON & HELEN FRITZ
717-393-0930

Carl Diller & Paul Snyder - Auctioneers
Henry Kettering - Pedigrees

Lunch by Sublette

PUBLIC AUCTION

23 ACRE INDUSTRIAL COMMERCIAL PROPERTY
26 ACRE FARMETTE
TUESDAY, OCTOBER 25, 1983

at 12:30 P.M.

1 mile south of Boyertown along Rt. 100, (entrance off Grosser Road), Montgomery Co. Pa.

Light Industrial-Commercial Property

23 acres land fronting along US Rt. 100 & Grosser Rd., whereon is a bldg. containing 36,000 sq. ft. of flr. space, cement block & steel siding on wood construction, w/loading docks, portion of bldg. presently leased for retail store, facilities 12 yrs. old, heat, well water, paved driveway entrance and parking lot, large pond, plus many features not mentioned.

26 Acre Farmette

26 acres w/approx. 1500' rd. frontage, whereon is erected a 2½ story 5 bedroom stucco over stone dwelling w/improvements, a barn & 2 car garage, well water. Zoned R1.

For more information or inspection of property call 215-679-5919 or 215-395-8084.

NOTE- These 2 properties join.

TERMS- 10% day of auction, bal. by Jan. 1, 1984.

Auction for

K-MILK INC.

Listing Broker Paul M. Longacre
Auction conducted by
Ralph W. Zettlemoyer Auction Co. Inc.

Public Auction Register

Closing Date - Monday, 5.00 P.M of each week's publication

SAT. NOV. 19 - 8:30 AM Public Auction of Antiques, Coins and Collectables. Lititz Rec Center Sale. By Laban Harnish. E.M. Murry, Auctioneers.

SAT. NOV. 19 - 10 AM Public Auction of Real Estate. Located 1 mi. south of Fannettsburg, Franklin Co., PA 11 mi. north of Rt. 30 on Rt. 75, 3½ mi. south of Willow Hill interchange PA Turnpike. J. Robert Meyers, Auctioneer.

SAT. NOV. 19 - 1 PM Public Auction of 30 acre Hog Farm. Located 2 mi. south of Lebanon, traveling 897 turn onto Mine Rd., follow to Fox Road, turn left, 2nd farm on right, Lebanon Co. Alvin H. and Edna S. Martin, Owners. Melvin and Lamar Sensenig, Auctioneers

THURS. NOV. 24 - 10 AM Public Auction of Farm, Farm Equipment, Cattle, Hay, Straw and Ear Corn. Located along Mountain Rd., between Hamburg and Lenhartsville, Berks Co., PA, travel on old Rt. 22 east of Hamburg to Monument Rd. to Mountain Rd., travel East to 2nd farm on left. Bertha Phillips, Owner. Dennis F. Wagner, Auctioneer.

FRI. NOV. 25 - 1:30 PM Public Auction of Cattle. Located at Penns Valley Livestock Auction, Centre Hall, PA. Ron Gilligan, Auctioneer.

FRI. NOV. 25 - 5:30 PM Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

SAT. NOV. 26 - 11 AM Public Auction of Horses. Located at Keister's Middleburg Auction Sales, Inc., Rt. 555, 3 mi. east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers.

DECEMBER

FRI. DEC. 2 - Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

SAT. DEC. 17 - 12:30 PM Public Auction of New and Good Used Lawn and Garden Tractors, Mowers and Tools. Located Rt. 322 east of Ephrata, turn left at Hinkletown traffic light, turn left onto Gristmill Rd. at Martindale to business on right. Lawn Care of PA, Daniel Z. Martin and Son, Owners. Randal Kline, Lloyd Kreider and Roy Good, Jr., Auctioneers.

FEBRUARY

SAT. FEB. 11 - 9:30 AM Public Auction of Horse Drawn Farm Machinery, Horses and Harness. Located 1 mi. north of Strasburg on Herr Rd. David King, Owner. Steve Petersheim, Auctioneer.

THURS. FEB. 16 - Public Auction of Farm Equipment, Household Goods and Livestock. Located 2 mi. northwest of New Holland, turn off of Rt. 23 on N Shirk Rd. at Goods Furniture, 1st road left on Amishtown Rd., Lanc Co, PA. Emanuel S. Lapp, Owner. Robert E Martin and Son 656-7770, and Frank L Steller, Auctioneers.

FRI. FEB 17 - Public Auction of Farm Equipment, Household Goods and Livestock Located along Rt. 30, between Kinzers and Gap, Lanc. Co., PA. Amos Yoder, Owner. Robert E. Martin and Son, 656-7770 and Frank L. Steller, Auctioneers.

FRI. FEB 24 - 9 AM Public Auction of Antique Tractors and Engines, New, Used and Abused Farm Equipment, New Tools and Fruit. Located 10 mi. east of Lancaster, 2½ mi. west of New Holland, turn off Rt. 23 on S. Groffdale Rd., turn left on Musser School Rd., Lanc. Co., PA. Elias S. Beiler, Owner. Robert E. Martin and Son 656-7770, Frank L. Steller and Blaine Rentzel, Auctioneers.

MARCH

SAT. MARCH 3 - 20th Annual Bart Twp. Fire Co. Located in Georgetown, on Rt. 896, 7 mi. south of Strasburg. Larry LeFever, Auctioneers.

TUES. MARCH 13 - 9 AM Public Auction of Farm Machinery, Farmall Tractors, 20 Head of Heifers and Antiques Located ½ mi east of Intercourse on 340 John L. Zook, Owner Steve Petersheim, Auctioneer.

FRI MARCH 23 - 7 PM and SAT MARCH 24 - 9 30 AM Public Auction of Farm Toys Located at Historic Strasburg Inn Second Annual Lancaster Farm Toy Auction, Sale and Show

APRIL

SAT APR. 21, 1984 - 18th Colonial Charolais Spring Sale. Located at Frederick Fairgrounds, Frederick, MD. Colonial Charolais Association Sponsors Garey Cattle Sales, Inc., 100 Walnut Lane, Morrisville, PA, Managers.

JUNE

SAT. JUNE 23 - Colonial World Class Sale 2. Located at Adams Charolais Farm, Springfield, OH. Sponsored by Colonial Charolais Association. Managed by Garey Cattle Sales, Inc., 100 Walnut Lane, Morrisville, PA 19067.

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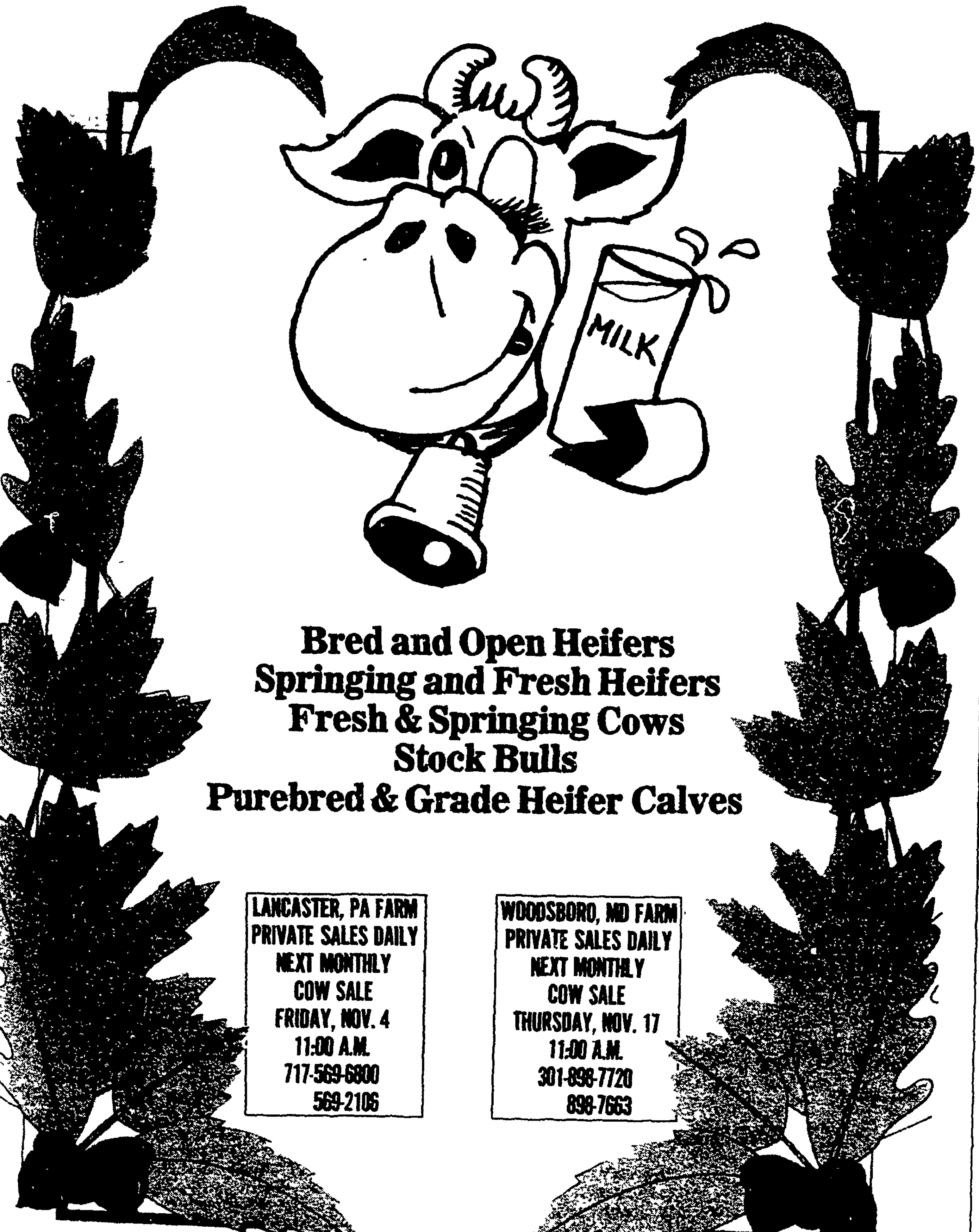

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COW SALE
FRIDAY, NOV. 4
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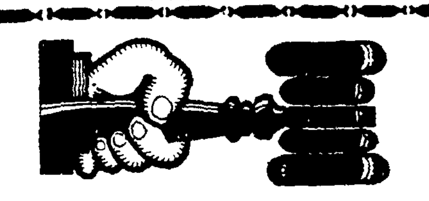
569-2106

WOODSBORO, MD FARM
PRIVATE SALES DAILY
NEXT MONTHLY
COW SALE
THURSDAY, NOV. 17
11:00 A.M.
301-898-7720
898-7663



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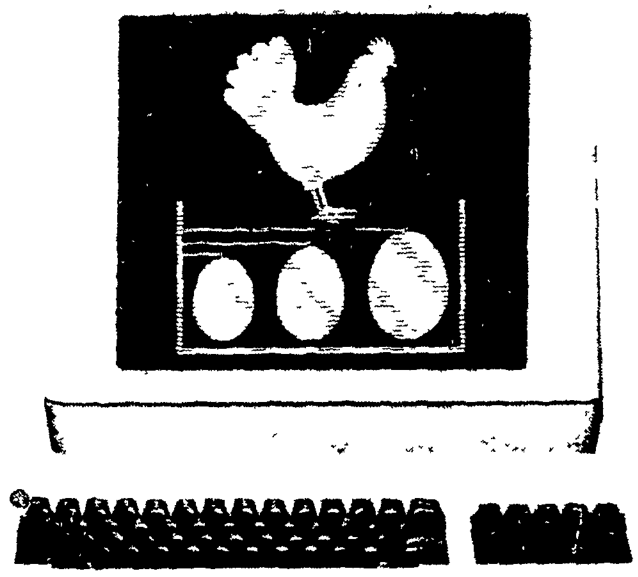

We Can Show You How To Sell More Profitable Eggs

PROGRAMS FOR PROFITS

Why control egg size.

Eggs are sold in the U.S. in a unique combination of very specific minimum egg weight classifications, but with a wide *weight range within each class for which the same price per* dozen is paid. Further, there is a strong consumer demand for eggs in the "Large" classification — a demand that does not match well the hen's biological capacity of producing that single egg size.

Even when hens are producing mostly eggs in the Large classification, you could be selling up to 13% more product by weight (the range from 24-27 ounces per dozen) and not receiving a cent more.

To maximize profits it is necessary to move eggs out of the Small and Medium classification to the Large size. Further, Extra Large and Jumbo classes should be avoided because of additional feed costs and egg breakage. Only if a large premium for the larger classes is paid (a rare situation) should these egg sizes intentionally be produced. Generally, minimizing egg weights to just over 24 ounces is most profitable.

How maximizing production while controlling size is possible.

Purina nutritionists have found the nutrient needs of hens are higher for maximum egg weight than for maximum egg production. Shifts in fortification can be made that will increase or decrease egg weights ½ lb./case while maximizing egg production.

Production rates increase until sufficient amino acids are consumed to allow hens to reach their maximum genetic egg production capacity. However, egg size continues to increase with further amino acid intakes until the genetic capacity potential for maximum egg weight is finally achieved. This nutritional concept allows you to modify egg size, while maximizing production rates.

Nutritional accuracy

To regulate egg size without reducing production rates there must be very accurate ration formulation.

Accurate nutrient standards for today's high-producing hens must be set. The usable nutrients in ingredients must also be determined.

Some nutrients in all feed ingredients remain undigested and/or unavailable to the bird. The quantity of usable *nutrients depends upon the ingredient*, processing methods and other factors. Obviously, it is critical to accurately know the amount of usable nutrients there are in any feedstuff.

To increase the accuracy of Purina's knowledge of biological availability, new techniques were implemented. These new *techniques, developed by Canadian researchers*, were refined by Purina Research. These new procedures developed during the past five years give True Metabolizable Energy (TME) and True Amino Acid Availability (TAAA) values.

True metabolizable energy system is an important breakthrough for ration formulation. It is the best indicator of the energy that is truly usable by the pullet or hen. It is a very rapid system which permitted Purina to reevaluate every feedstuff used in Accu-Line rations. This means that Purina energy values accurately reflect the usable energy in the ingredients Purina uses to manufacture Accu-Line rations.

Other feed companies continue to formulate rations using published tables for various feed ingredients. These may not accurately reflect current values.

Purina places great emphasis on accurate energy values. Energy is used in all body functions and egg production. It also governs how much hens will eat. When energy requirements are met, birds will stop eating — whether or not they have consumed enough amino acids, minerals and vitamins for maximum performance.

Having accurate energy values is the foundation of precise ration formulation. If the actual energy value is different from the theoretical energy value used in formulation, one of two things will happen:

1. Performance will be reduced because of underfortification of amino acids, vitamins and minerals.
2. Added costs result from an excess amount of these same nutrients that were added to balance an incorrect energy level.

True available amino acid values are equally important. The more accurate Purina knowledge of the usable amino acids in the feed ingredients, the more accurately they can be *balanced to the usable energy in the feed.*

As a result of these new values, Purina Accu-Line Laying rations can be made from the most efficient combination of ingredients available. The rations accurately supply the hen's daily nutritional needs at the best value possible to Purina customers.

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